


30 Day Beginner HTML & CSS Calendar

					1 Project setup Text Elements	2 Images Paths Links Special Characters
3 Review Day Complete exercises for Links & Images	4 Lists Tables Forms Code Formatting	5 Developing a Full Website with HTML	6 Review Day Complete exercises for Inputs	7 Intro to CSS	8 Basic CSS Selectors CSS Inheritance	9 Review Day Complete exercises for Borders & IDs
10 Working with Colors Units of Measure in CSS	11 Review Day Complete exercises for CSS Specificity	12 Browser Styles Typography & Font Styling	13 The Box Model Display Styling and Properties	14 Git Github	15 Display Styling and Properties (cont.) Background Styling	16 Gradients Positioning
17 Media Queries Z-Index Pseudo Elements	18 CSS Selectors (in depth)	19 Review Day Project Day	20 Transformations Transitions Animations Project Cleanup	21 CSS Variables Box Shadows Semantics	22 Using Google Chrome Dev Tools	23 CSS Flexbox
24 CSS Flexbox	25 Review Day Project Day	26 CSS Grid	27 CSS Grid	28 CSS Grid	29 Review Day Project Day	30  Project Day Celebrate a Job Well Done!

... Daily Plan

Created By: Bree Hall |   @bytesofbree

1

- ☐ Watch Learn HTML & CSS From Scratch (00:00 - 51:16)
- ☐ Complete exercises in the Basic HTML & HTML5 Course
 - ☐ Say Hello to HTML Elements
 - ☐ Headline with `<h2>` Element
 - ☐ Inform with the `<p>` Element
 - ☐ Fill in the Blank with Placeholder Text
 - ☐ Delete HTML Elements

2

- ☐ Watch Learn HTML & CSS From Scratch (51:17 - 1:38:58)
- ☐ Complete exercises in the Basic HTML & HTML5 Course
 - ☐ Uncomment HTML
 - ☐ Comment Out HTML
 - ☐ Introduction to HTML5
 - ☐ Add Images to Your Website

3

- ☐ Review Day: Review your notes and experiment!
- ☐ Complete exercises in the Basic HTML & HTML5 Course
 - ☐ Link to External Pages with Anchor Elements
 - ☐ Link to Internal Sections of a Page with Anchor Elements
 - ☐ Nest as Anchor Element within a Paragraph
 - ☐ Make Dead Links Using the Hash Symbol
 - ☐ Turn an Image into a Link

4

- ☐ Watch Learn HTML & CSS From Scratch (1:38:58 - 2:30:15)
- ☐ Complete exercises in the Basic HTML & HTML5 Course
 - ☐ Create a Bulleted Unordered List
 - ☐ Create an Ordered List
 - ☐ Create a Text Field
 - ☐ Add Placeholder Text to a Text Field

5

- ☐ Watch Learn HTML & CSS From Scratch (2:30:15 - 3:09:42)
- ☐ Complete exercises in the Basic HTML & HTML5 Course
 - ☐ Create a Form Element
 - ☐ Add a Submit Button to a Form
 - ☐ Use HTML5 to Require a Field

6

- ☐ Complete exercises in the Basic HTML & HTML5 Course
 - ☐ Create a Set of Radio Buttons
 - ☐ Create a Set of Checkboxes
 - ☐ Use the Value Attribute with Radio Buttons & Checkboxes
 - ☐ Check Radio Buttons and Checkboxes by Default
 - ☐ Nest Many Elements within a Single `<div>` Element
 - ☐ Declare the Doctype of an HTML Document
 - ☐ Define the Head and Body of an HTML Document

7

- ☐ Watch Learn HTML & CSS From Scratch (3:09:42 - 3:52:27)
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Change the Color of Text
 - ☐ Use CSS Selectors to Style Elements
 - ☐ Use a CSS Class to Style an Element
 - ☐ Style Multiple Elements with a CSS Class
 - ☐ Change the Font Size of an Element

8

- ☐ Watch Learn HTML & CSS From Scratch (3:52:27 - 4:27:33)
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Set the Font Family of an Element
 - ☐ Import a Google Font
 - ☐ Specify How Google Fonts Should Degrade
 - ☐ Size Your Images
 - ☐ Add Borders Around Your Elements

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9

- ☐ Review Day: Review your notes and experiment!
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Add Rounded Corners with border-radius
 - ☐ Make Circular Images with a border-radius
 - ☐ Give a Background Color to a <div> Element
 - ☐ Set the ID on an Element
 - ☐ Use the ID Attribute to Style an Element

11

- ☐ Complete exercises in the Basic CSS Course
 - ☐ Use Attribute Selectors to Style Elements
 - ☐ Inherit Styles of the Body Elements
 - ☐ Prioritize One Style Over Another
 - ☐ Override Styles in Subsequent CSS
 - ☐ Override Class Declarations by Styling ID Attributes
 - ☐ Override Class Declarations with Inline Styles
 - ☐ Override All Other Styles by Using Important

13

- ☐ Watch Learn HTML & CSS From Scratch (6:04:31 - 7:06:46)
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Adjust the Padding of an Element
 - ☐ Adjust the Margin of an Element
 - ☐ Add a Negative Margin to an Element
 - ☐ Add Different Padding to Each Side of an Element
 - ☐ Add Different Margins to Each Side of an Element
 - ☐ Use Clockwise Notation to Specify Padding of an Element
 - ☐ Use Clockwise Notation to Specify Margin of an Element

15

- ☐ Watch Learn HTML & CSS From Scratch (7:06:46 - 7:47:18)
- ☐ Work through the Github exercises on W3Schools to get familiar with Git commands
- ☐ Play CSS Diner: Levels 1 - 8

10

- ☐ Watch Learn HTML & CSS From Scratch (4:27:33 - 5:19:14)
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Use Hex Codes for Specific Colors
 - ☐ Use Hex Codes to Mix Colors
 - ☐ Use Abbreviated Hex Codes
 - ☐ Use RGB Values to Color Elements
 - ☐ Use RGB to Mix Colors
 - ☐ Understand the Absolute vs. Relative Units

12

- ☐ Watch Learn HTML & CSS From Scratch (5:19:14 - 6:04:31)
- ☐ Free Work Day!
Take time to explore and experiment on your own! Explore the questions you've noted in your journal and try to find the answers. Work on something that's interesting to you. When all else fails, take an existing website and try to replicate it on your own.

14


- ☐ Watch Git & Github Crash Course (entire video)
- ☐ Create your own Github profile
- ☐ Complete the Hello World Github Exercise

16

- ☐ Watch Learn HTML & CSS From Scratch (7:47:18 - 8:42:30)
- ☐ Play CSS Battle - Target #1
- ☐ Play CSS Battle - Target #30

*Note: The CSS Battles can be tricky! Work through what you can and don't be afraid to look things up. It's OK if you don't complete these on the first try!

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17

- ☐ Watch Learn HTML & CSS From Scratch (8:42:30 - 9:27:14)
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Use a Media Query to Change a Variable
- ☐ Play CSS Diner: Levels 9 - 14

18

- ☐ Watch Learn HTML & CSS From Scratch (9:27:14 - 9:51:01)
- ☐ Play CSS Diner: Levels 15-32


19

- ☐ Project Day - Order Summary Component
Create an account on FrontendMentor.io and start working on the Order Summary Component project. Don't be afraid to research things if you get stuck!

20

- ☐ Watch Learn HTML & CSS From Scratch (9:51:01 - 10:40:53)
- ☐ Project Day - Order Summary Component
Take some time to finish up the Order Summary Component project if you weren't able to finish it on Day 19.

21

- ☐ Watch Learn HTML & CSS From Scratch (10:40:53 - 11:24:11)
 You completed the HTML & CSS From Scratch Course!
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Use CSS Variables to Change Several Elements at Once
 - ☐ Create a Custom CSS Variable
 - ☐ Use a Custom CSS Variable
 - ☐ Attach a Fallback Value to a CSS Variable

22

- ☐ Watch Chrome Dev Tools - A Crash Course (entire video)
- ☐ Complete exercises in the Basic CSS Course
 - ☐ Improve Compatibility with Browsers Fallbacks
 - ☐ Inherit CSS Variables
 - ☐ Change a Variable for a Specific Area

23

- ☐ Complete exercises in the CSS Flexbox Course
 - ☐ Use display: flex to Position Two Boxes
 - ☐ Add Flex Superpowers to the Tweet Embed
 - ☐ Use the flex-direction Property to Make a Row
 - ☐ Apply the flex-direction Property to Create Rows
 - ☐ Use the flex-direction Property to Make a Column
 - ☐ Apply the flex-direction Property to Create Columns
 - ☐ Align Elements Using the justify-content Property
 - ☐ Use the justify-content Property in the Tweet Embed
- ☐ Start playing Flexbox Froggy and play as far as you can!

24

- ☐ Complete exercises in the CSS Flexbox Course
 - ☐ Align Elements Using the align-item Property
 - ☐ Use the align-items Property in the Tweet Embed
 - ☐ Use the flex-wrap Property to Wrap a Row or Column
 - ☐ Use the flex-shrink Property to Shrink Items
 - ☐ Use the flex-grow Property to Expand Items
 - ☐ Use the flex-basis Property to Set Initial Size
 - ☐ Use the flex Shorthand Property
 - ☐ Use the order Property to Rearrange Items
 - ☐ Use the align-self Property
- ☐ Continue playing Flexbox Froggy and see how far you get!

25

- ☐ Project Day - 3 Column Preview Component
Complete the 3 Column Preview Component on FrontendMasters.io. Don't be afraid to research things if you get stuck!

26

- ☐ Complete exercises in the CSS Grid Course
 - ☐ Create Your First CSS Grid
 - ☐ Add Columns with grid-template-columns
 - ☐ Add Rows with grid-template-rows
 - ☐ Use CSS Grid Units to Change the Size of Columns and Rows
 - ☐ Create a Column Gap Using grid-column-gap
 - ☐ Create a Row Gap using grid-row-gap
 - ☐ Add Gaps Faster with grid-gap
- ☐ Start playing CSS Grid Garden and play as far as you can!

27

- ☐ Complete exercises in the CSS Grid Course
 - ☐ Use grid-column to Control Spacing
 - ☐ Use grid-row to Control Spacing
 - ☐ Align an Item Horizontally Using justify-self
 - ☐ Align an Item Vertically Using align-self
 - ☐ Align All Items Horizontally Using justify-items
 - ☐ Align All Items Vertically Using justify-items
 - ☐ Divide the Grid Area Into a Template
 - ☐ Place Items in Grid Areas Using the grid-area Property
 - ☐ Use grid-area Without Creating an Areas Template
- ☐ Continue playing CSS Grid Garden and play as far as you can!

28

- ☐ Complete exercises in the CSS Grid Course
 - ☐ Reduce Repetition Using the Repeat Function
 - ☐ Limit Item Size Using the minmax Function
 - ☐ Create Flexible Layouts Using auto-fill
 - ☐ Create Flexible Layouts Using auto-fit
 - ☐ Use Media Queries to Create Responsive Layouts
 - ☐ Create Grids within Grids
- ☐ Continue playing CSS Grid Garden and play as far as you can!

29

- ☐ Project Day - Stats Preview Card Component
Complete the Stats Preview Card Component on FrontendMasters.io. Don't be afraid to research things if you get stuck!

30

- ☐ Project Day - Testimonials Grid Section
Complete the Testimonials Grid Section on FrontendMasters.io. Don't be afraid to research things if you get stuck!
- ☐ 🎉 Celebrate a job well done!

Using the Calendar

I'm so excited that you've decided to jump into the world of web development! This 30 day calendar will take you on a journey of learning, understanding, and practicing the fundamentals of HTML and CSS through free videos, practice exercises, and games that can be found online.

I recommend this coding calendar to anyone who is interested in pursuing a career in development, and anyone who is on the fence and just wants to test the waters. The technical and coding resources on this calendar have been created by talented minds and are absolutely free to use! I do not own them, but they're always my go to resources for new developers. Links to all resources can be found below.

Each day is a little different, but generally, each day will contain watching a video (or portion of a video), and completing an exercise or playing a game to reaffirm what you've learned. Coding is a skill that's best learned hands on. The way you use this calendar is really up to you, but here are a few of my considerations and recommendations:

- **Time**

This calendar spans 30 days. 30 days is 30 days. It doesn't matter if they're consecutive or on days that fit your schedule. It only matters that you're learning and practicing, so complete these 30 days in the format that's best for you!

- **Journaling**

I highly recommend that you keep a journal while you complete this challenge. I recommend documenting a summary of what you learned during your study session, things you're having trouble with or don't understand, and any questions you currently have. As you make your way towards day 30, you may realize you now have the answers to questions you asked in the first few days. It can be a dedicated journal or a simple note in your default Notes app, but be sure to journal.

- **Where to Go From Here**

At the end of 30 days, you'll likely be able to decide if web development is for you. If not, that's ok! I'm proud of you for taking the challenge and learning a new skill.

If so, your next steps will likely be to get started with JavaScript. JavaScript is going to add functionality to the beautiful websites that you can now create. Many of the resources used in this calendar also have JavaScript courses/practice exercises you can take.

I hope that you enjoy the 30 day adventure you're about to embark on! Feel free to share your progress with me on Twitter (@bytesofbree). Happy coding!

Resources

Videos

- 1 **Learn HTML & CSS From Scratch by FreeCodeCamp**
<https://www.youtube.com/watch?v=mU6anWqZJcc>
- 2 **Git and Github Crash Course by FreeCodeCamp**
<https://www.youtube.com/watch?v=gTVpBbFWry8>
- 3 **Chrome Dev Tools by FreeCodeCamp**
<https://www.youtube.com/watch?v=RG0j5yH7evk>

Courses

- 4 **Basic HTML & HTML5**
<https://www.freecodecamp.org/learn/responsive-web-design/#basic-html-and-html5>
- 5 **Basic CSS**
<https://www.freecodecamp.org/learn/responsive-web-design/#basic-css>
- 6 **CSS Flexbox**
<https://www.freecodecamp.org/learn/responsive-web-design/#css-flexbox>
- 7 **CSS Grid**
<https://www.freecodecamp.org/learn/responsive-web-design/#css-grid>


Games & Practice


- 8 **CSS Diner**
<https://flukeout.github.io/>
- 9 **Flexbox Froggy**
<https://flexboxfroggy.com/>
- 10 **CSS Grid Garden**
<https://cssgridgarden.com/>
- 11 **CSS Battle**
<https://cssbattle.dev/>
- 12 **Frontend Mentor**
<https://www.frontendmentor.io/>
- 13 **W3Schools**
<https://www.w3schools.com/git/exercise.asp>

Thank you so much to the amazing creators that have created these resources and are sharing them at no charge! Be sure to follow and support them!

Let's Connect


I would love to hear about your experience with this 30 Day HTML & CSS coding calendar! You can find me on the socials below to share your experience.


 @bytesofbree


 @bytesofbree

 youtube.com/c/breehall

Find this info and more on Github and on my blog!

 github.com/breehall/30-Day-HTML-CSS-Coding-Calendar

 bytesofbree.hashnode.dev/

 dev.to/bytesofbree