**Hexadecimal**, often shortened to “hex”, is a number system represented in base 16, using digits from 0 to 9 and letters A to F. [Each column in a hexadecimal number can represent up to 16 values, making it useful for low-level programming, color representation, and other applications1](https://www.freecodecamp.org/news/hexadecimal-number-system/).

Here are **five free resources** where you can learn more about hexadecimal:

1. [**The Hexadecimal Number System Explained**](https://www.freecodecamp.org/news/hexadecimal-number-system/): This article on freeCodeCamp provides an overview of hexadecimal, examples, and its uses in programming and CSS[1](https://www.freecodecamp.org/news/hexadecimal-number-system/).
2. [**Hexadecimal - SparkFun Learn**](https://learn.sparkfun.com/tutorials/hexadecimal/all): SparkFun’s tutorial covers hex basics, converting between decimal and hexadecimal, and binary conversion. [It’s a great resource for beginners](https://www.freecodecamp.org/news/hexadecimal-number-system/)[2](https://learn.sparkfun.com/tutorials/hexadecimal/all).
3. [**Hexadecimal Numbers | Khan Academy**](https://www.khanacademy.org/computing/computers-and-internet/xcae6f4a7ff015e7d:digital-information/xcae6f4a7ff015e7d:hexadecimal-numbers/a/hexadecimal-numbers): Khan Academy explains counting in hexadecimal and the unique digits used in this base-16 system[3](https://www.khanacademy.org/computing/computers-and-internet/xcae6f4a7ff015e7d:digital-information/xcae6f4a7ff015e7d:hexadecimal-numbers/a/hexadecimal-numbers).
4. [**Hexadecimal - Teach Computing**](https://teachcomputing.org/curriculum/key-stage-4/data-representations/lesson-7-hexadecimal): This resource covers converting between hex and decimal, and it’s suitable for learners interested in electronics and programming[4](https://teachcomputing.org/curriculum/key-stage-4/data-representations/lesson-7-hexadecimal).
5. [**Hexadecimal Number System: Definition, Conversion Table, Examples**](https://www.geeksforgeeks.org/hexadecimal-number-system/): GeeksforGeeks provides a comprehensive guide to hexadecimal, including conversion examples and its relationship to decimal numbers[5](https://www.geeksforgeeks.org/hexadecimal-number-system/).

Feel free to explore these resources to enhance your understanding of hexadecimal! 🌟