


Color palette ideas

Velvet Petals  
color combination

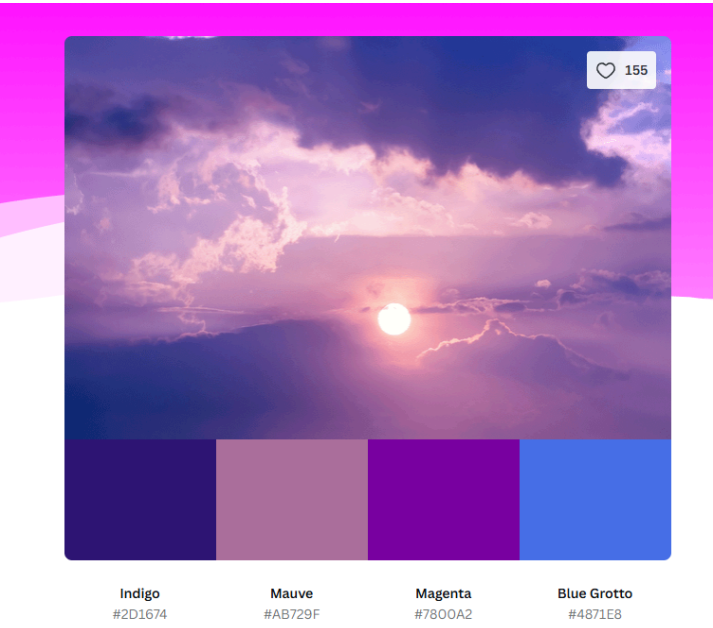
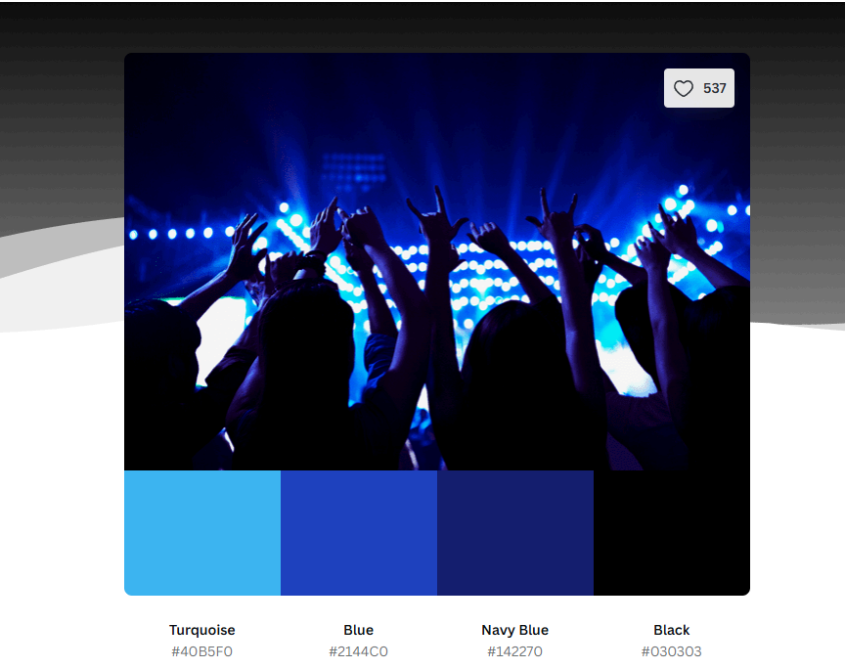


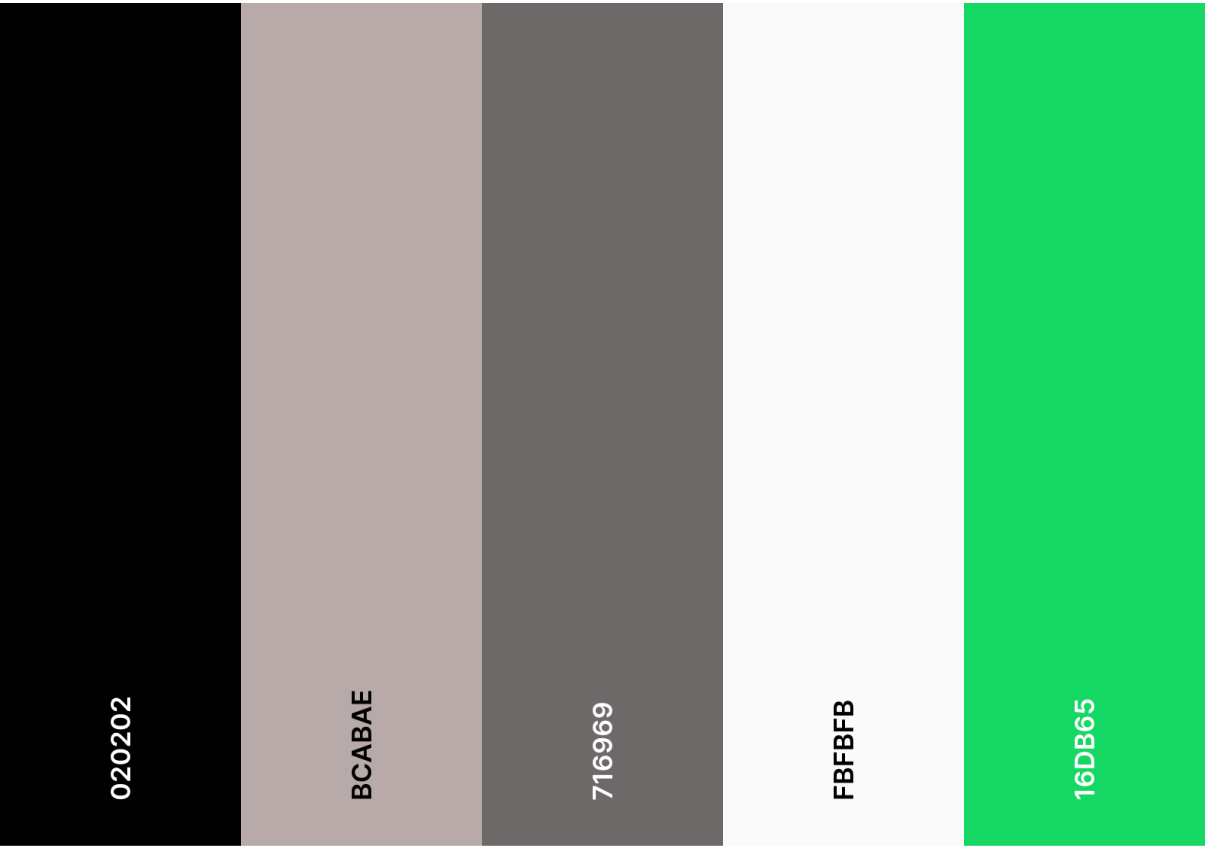
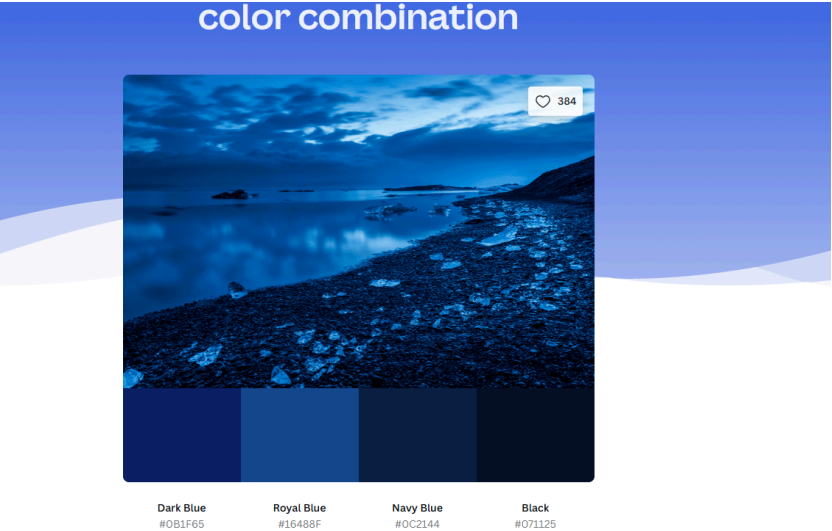
Black  
#0E090F

Dark Blue  
#170B38

Purple  
#341948

Purple Haze  
#9388A2





220

coolors



## Site Name Ideas

- CodeSync
- DevShare
- CollabCode

- PushHub
  - BranchOut
- 

## Core Features

### 1. Projects & Repositories

- Users can:
    - Create new projects (with read/write permissions)
    - Upload code files
    - Track file versions (simple commit history per file)
    - Tag versions (e.g. "v1.0", "release", "bugfix")
    - Fork existing projects to create their own version
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### 2. Friends & Collaboration

- Add friends by username or email
  - Invite friends to collaborate on a project
  - Real-time indicators: "X is online" or "X is editing this file"
  - Set collaborator permissions:
    - Viewer
    - Editor
    - Admin
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### 3. File Updates & Versioning

- When a user updates a file:
    - The change is saved as a new version (like a commit)
    - Others can view the diff (line-by-line changes)
    - Users can leave comments on specific lines
  - Simple revert option for previous versions
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#### 4. Explore Projects

- Browse public projects
  - Filter by:
    - Programming language
    - Tags (e.g. “machine learning”, “web app”)
    - Most liked / Most forked / Recently updated
  - Users can "star" or "fork" public projects
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#### 5. In-Project Chat or Comments

- Leave comments per project or per file
  - Tag collaborators (e.g., `@alex fix this logic`)
  - Optional real-time chat on each project
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#### 6. User Profiles

- Shows:
  - User's public projects

- Contributions (commits, updates)
  - Friends/followers
  - Skills or languages used (auto-tagged from code)
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## 7. Activity Feed / Dashboard

- Shows:
    - Recent changes by friends
    - Comments on your code
    - New forks or stars on your project
    - Pending invitations
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## Optional Nice-to-Haves

- **Syntax highlighting** in file viewer/editor
  - **Live preview** for HTML/CSS/JS projects
  - **Simple CLI tool** to sync with the web platform
  - **Dark/light theme toggle**
  - **“Learning mode”** – add code notes or explanations inline
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## Security & Permissions

- Private vs public projects
- Invite-only collaborations
- User authentication (email/password or OAuth like GitHub/Google)

- Rate-limiting or moderation for comments and spam

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## **Stretch Ideas (Future)**

- AI-powered code suggestions or commit summaries
- Code snippet marketplace (users can sell or share reusable code)
- Built-in unit testing support for supported languages
- Git-style CLI integration for advanced users