

Converting Colors

Hex(68537B)

Have a look what the booklet for
Hex(68537B) contains.

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Color

Hex(68537B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 68537B |
| RGB | 104, 83, 123 |
| RGB Percent | 41%, 33%, 48% |
| CMY | 0.5922, 0.6745, 0.5176 |
| CMYK | 0.15, 0.33, 0.00, 0.52 |
| HSL | 272°, 19%, 40% |
| HSV | 272°, 33%, 48% |
| XYZ | 12.3773, 10.5596, 20.1247 |
| YIQ | 93.8390, -0.3240, 16.8920 |

Conversions

Conversions Part 2

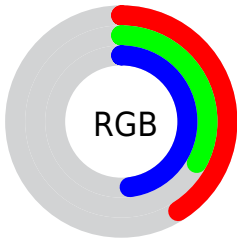
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 104, 83, 123 |
| Decimal | 6837115 |
| CIELab | 38.83, 17.10, -19.39 |
| CIELCh | 39, 25.858, 311.412 |
| Yxy | 10.5596, 0.2874, 0.2452 |
| Android (android.graphics.Color) | 4285027195 (0xFF68537B) |
| YUV | 93.8390, 14.3764, 8.9112 |
| Hunter-Lab | 32.4956, 11.1221, -13.9718 |

Details

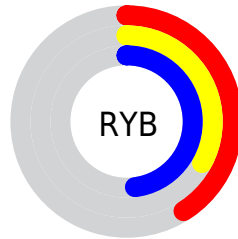
The Hex color **68537B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **667B53**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9C85B0**, and **38264A** is the 20% darker color. If you saturate the color by 10%, you get **62477B**, and if you desaturate by 10%, it is **6E5F7B**.

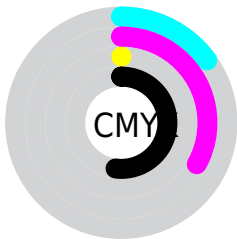
Distribution



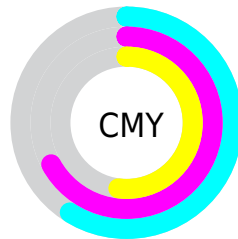
- Red (41%)
- Green (33%)
- Blue (48%)



- Red (41%)
- Yellow (33%)
- Blue (48%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68537B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 68537B by changing the saturation by 10% instead.



68537B



68537B

FFFFFF



503C62



9C85B0



38264A



B79FCB



221133



D3BAE7



0B001E



EFD6FF



000000



FFF2FF



68537B



68537B



62477B



6E5F7B



5C3A7B



746C7B

562E7B

7A787B

51227B

7F847B

4B167B

85917B

45097B

8B9D7B

41007B

91A97B

97B57B

9DC27B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4A5B84



68537B



7C4D69

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68537B



745634



066763

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68537B



667B53

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2F664D



68537B



615D32

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68537B



814F41



4A623B



006577

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68537B



834B5B



4A623B



18675C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68537B



9991A1



53667B



4D4852



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68537B



8362A1



7B537A



3A373D



42007D



8500FC

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7B5366



A16280



537B54



3D373A



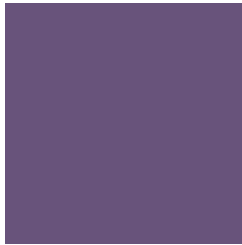
7D003B



FC0078

Previews

White Background



This preview shows how the Hex color 68537B looks on a white background.

Color Contrast Check

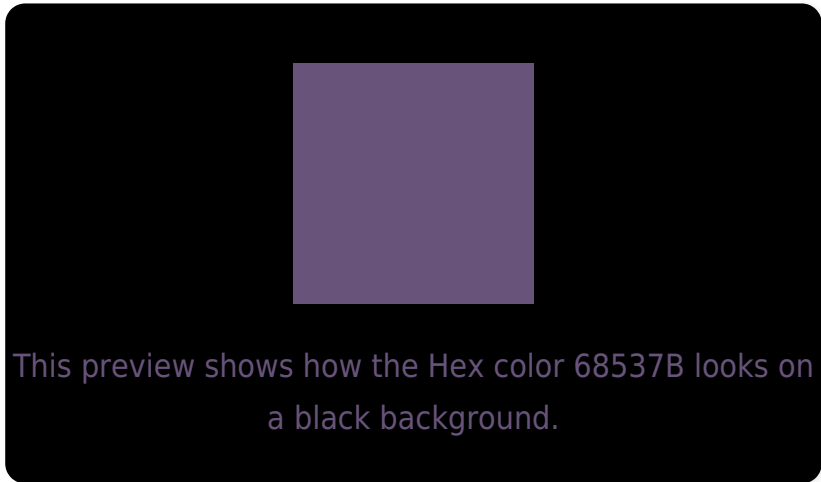
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

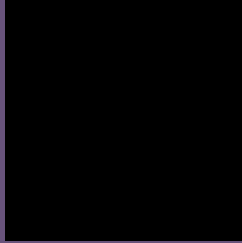
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68537B Background



This preview shows how black text looks on a background with the Hex color 68537B.

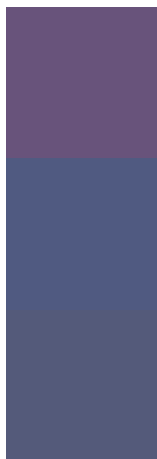


This preview shows how white text looks on a background with the Hex color 68537B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

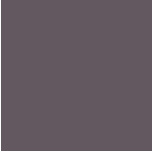
Dichromacy



Original Color
68537B

Protanopia
505A81

Deuteranopia
545A7A



Tritanopia
63585F

Trichromacy



Original Color
68537B

Protanomaly
59577F

Deuteranomaly
5B577A

Tritanomaly
655669

Monochromacy



Original Color
68537B

Achromatopsia
5E5E5E

Achromatomaly
625A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 68537B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #68537B looks like.

```
.text, #text, p{  
    color:#68537B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #68537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68537B
}
```

Border

The CSS property to change the border of an element to Hex 68537B is called "border". The border property can be set on classes, ids or directly on the HTML element.

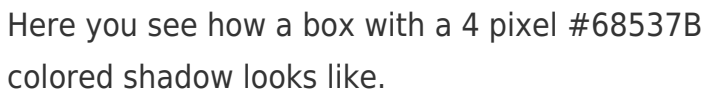
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68537B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#68537B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #68537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68537B; -webkit-box-shadow:4px 4px  
4px 4px #68537B; box-shadow:4px 4px 4px  
4px #68537B }
```

Background

The CSS property to change the background color of an element to Hex 68537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68537B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#68537B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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