

Converting Colors

Hex(58457C)

Have a look what the booklet for
Hex(58457C) contains.

| | |
|--|----|
| Hex(58457C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(58457C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 58457C |
| RGB | 88, 69, 124 |
| RGB Percent | 35%, 27%, 49% |
| CMY | 0.6549, 0.7294, 0.5137 |
| CMYK | 0.29, 0.44, 0.00, 0.51 |
| HSL | 261°, 28%, 38% |
| HSV | 261°, 44%, 49% |
| XYZ | 9.7907, 7.7862, 20.0556 |
| YIQ | 80.9510, -6.3310, 21.1330 |

Conversions

Conversions Part 2

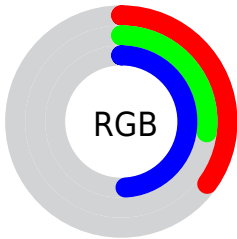
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 88, 69, 124 |
| Decimal | 5784956 |
| CIE _{Lab} | 33.53, 20.88, -28.39 |
| CIE _{LCh} | 34, 35.242, 306.328 |
| Yxy | 7.7862, 0.2602, 0.2069 |
| Android (android.graphics.Color) | 4283975036 (0xFF58457C) |
| YUV | 80.9510, 21.2232, 6.1820 |
| Hunter-Lab | 27.9037, 13.7996, -23.0817 |

Details

The Hex color **58457C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **697C45**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8B76B1**, and **28194B** is the 20% darker color. If you saturate the color by 10%, you get **50397C**, and if you desaturate by 10%, it is **60517C**.

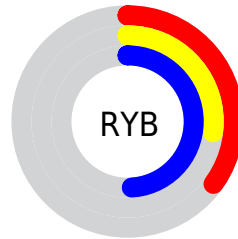
Distribution



Red (35%)

Green (27%)

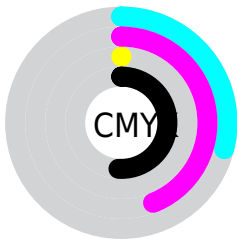
Blue (49%)



Red (35%)

Yellow (27%)

Blue (49%)

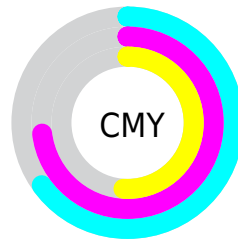


Cyan (29%)

Magenta (44%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58457C 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 58457C by changing the saturation by 10% instead.

■ 58457C

■ 58457C

FFFFFF

■ 402E63

■ 8B76B1

■ 28194B

■ A68FCC

■ 130034

■ C2AAE9

■ 00021E

■ DEC5FF

■ 000000

■ FBE1FF

FFFEFF

■ 58457C

■ 58457C

■ 50397C

■ 60517C

■ 482C7C

■ 685E7C

■ 40207C

■ 706A7C

■ 38137C

■ 78777C

■ 2F077C

■ 81837C

■ 2B007C

■ 898F7C

■ 919C7C

■ 99A87C

■ A1B57C

Harmonies

Analogous

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



215086



58457C



753A66

Triad

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



58457C



70451B



005C54

Complementary

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



58457C



697C45

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.



085B37



58457C



584F13

Square

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



58457C



7F3B2F



3B571F



005C6F

Rectangle

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



58457C



7F3653



3B571F



005C4A

Sweetspot

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



58457C



938CA1



456A7C



494552



D1D1D1



525252

Same Dimension

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



58457C



694CA1



73457C



39373D



2B007D



5700FC

Inverse Universe

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



7C4569



A14C83



4E7C45



3D373B



7D0052



FC00A5

Previews

White Background



This preview shows how the Hex color 58457C 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

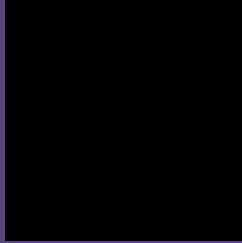
Any Text WCAG AA × Fail

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 58457C Background



This preview shows how black text looks on a background with the Hex color 58457C.



This preview shows how white text looks on a background with the Hex color 58457C.

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
58457C

Protanopia
394D83

Deuteranopia
394F7A



Tritanopia
504E54

Trichromacy



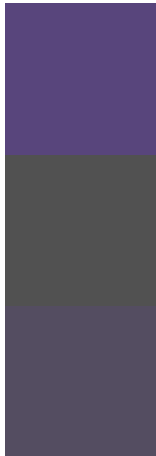
Original Color
58457C

Protanomaly
444A80

Deuteranomaly
444B7B

Tritanomaly
534B63

Monochromacy



Original Color
58457C

Achromatopsia
515151

Achromatomaly
544D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 58457C 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 #58457C looks like.

```
.text, #text, p{  
    color:#58457C  
}
```

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 #58457C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58457C  
}
```

Border

The CSS property to change the border of an element to Hex 58457C is called "border". The border property can be set on classes, ids or directly on the HTML element.

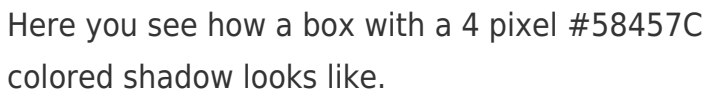
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#58457C }
```

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

```
.border{ border-color:#58457C }
```

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



Here you see how a box with a 4 pixel #58457C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58457C; -webkit-box-shadow:4px 4px  
4px 4px #58457C; box-shadow:4px 4px 4px  
4px #58457C }
```

Background

The CSS property to change the background color of an element to Hex 58457C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58457C }
```

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

```
.background{ background-color:#58457C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor