

Converting Colors

Hex(58557C)

Have a look what the booklet for
Hex(58557C) contains.

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Color

Hex(58557C)

Conversions

Conversions Part 1

Format	Color
Hex	58557C
RGB	88, 85, 124
RGB Percent	35%, 33%, 49%
CMY	0.6549, 0.6667, 0.5137
CMYK	0.29, 0.31, 0.00, 0.51
HSL	245°, 19%, 41%
HSV	245°, 31%, 49%
XYZ	10.9111, 10.0269, 20.4291
YIQ	90.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

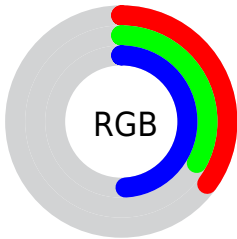
Format	Color
R_{YB}	88, 85, 124
Decimal	5789052
CIE _{Lab}	37.89, 10.72, -21.58
CIE _{LCh}	38, 24.096, 296.406
Yxy	10.0269, 0.2638, 0.2424
Android (android.graphics.Color)	4283979132 (0xFF58557C)
YUV	90.3430, 16.5929, -2.0548
Hunter-Lab	31.6653, 6.0923, -16.0856

Details

The Hex color **58557C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **797C55**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8B87B1**, and **29284B** is the 20% darker color. If you saturate the color by 10%, you get **4D497C**, and if you desaturate by 10%, it is **63617C**.

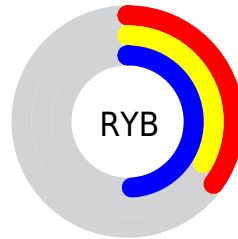
Distribution



Red (35%)

Green (33%)

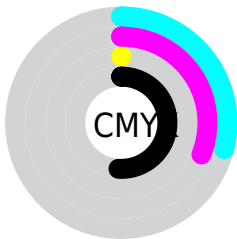
Blue (49%)



Red (35%)

Yellow (33%)

Blue (49%)

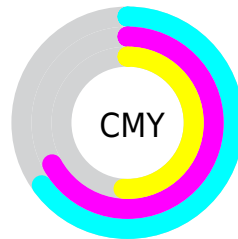


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58557C 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 58557C by changing the saturation by 10% instead.

■ 58557C

■ 58557C

FFFFFF

■ 403E63

■ 8B87B1

■ 29284B

■ A5A1CC

■ 121434

■ C1BCE8

■ 00001F

■ DDD7FF

■ 000002

■ FAF4FF

■ 000000

■ 58557C

■ 58557C

■ 4D497C

■ 63617C

■ 413C7C

■ 6F6E7C

■ 36307C

■ 7A7A7C

■ 2A237C

■ 86877C

■ 1F177C

■ 91937C

■ 130B7C

■ 9D9F7C

■ 0A007C

■ A8AC7C

■ B4B87C

■ BFC57C

Harmonies

Analogous

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



385C80



58557C



6F4E6F

Triad

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



58557C



775039



236356

Complementary

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



58557C



797C55

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.



3D6143



58557C



685732

Square

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



58557C



7F4B49



545D36



03636A

Rectangle

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



58557C



794B63



545D36



2C634F

Sweetspot

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



58557C



9392A1



55797C



494952



D1D1D1



525252

Same Dimension

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



58557C



6864A1



6B557C



38373D



0A007D



1300FC

Inverse Universe

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



7C5579



A1649C



667C55



3D373D



7D0073



FC00E9

Previews

White Background



This preview shows how the Hex color 58557C looks on a white background.

Color Contrast Check

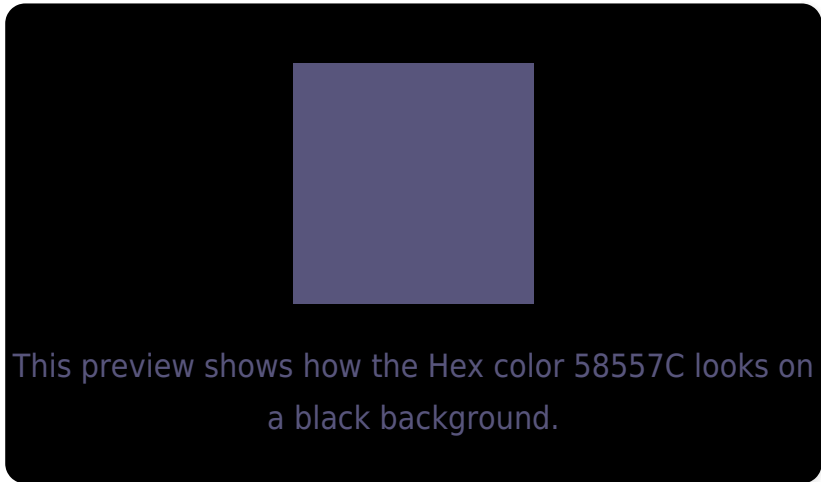
Large Text (above 18pt) WCAG AA ✓ Pass

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

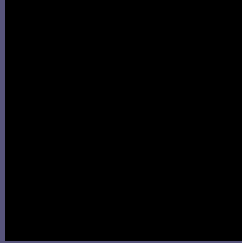
Any Text WCAG AA × Fail

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 58557C Background



This preview shows how black text looks on a background with the Hex color 58557C.



This preview shows how white text looks on a background with the Hex color 58557C.

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
58557C

Protanopia
4D587E

Deuteranopia
4E587B



Tritanopia
535A61

Trichromacy



Original Color
58557C

Protanomaly
51577D

Deuteranomaly
52577B

Tritanomaly
55586B

Monochromacy



Original Color
58557C

Achromatopsia
5A5A5A

Achromatomaly
595866

CSS Examples

Text

The CSS property to change the color of the text to Hex 58557C 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 #58557C looks like.

```
.text, #text, p{  
    color:#58557C  
}
```

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 #58557C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58557C
}
```

Border

The CSS property to change the border of an element to Hex 58557C is called "border". The border property can be set on classes, ids or directly on the HTML element.

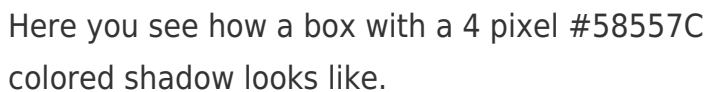
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58557C }
```

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

```
.border{ border-color:#58557C }
```

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



Here you see how a box with a 4 pixel #58557C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58557C; -webkit-box-shadow:4px 4px  
4px 4px #58557C; box-shadow:4px 4px 4px  
4px #58557C }
```

Background

The CSS property to change the background color of an element to Hex 58557C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58557C }
```

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

```
.background{ background-color:#58557C }
```

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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