

Converting Colors

Hex(61587F)

Have a look what the booklet for
Hex(61587F) contains.

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Color

Hex(61587F)

Conversions

Conversions Part 1

Format	Color
Hex	61587F
RGB	97, 88, 127
RGB Percent	38%, 35%, 50%
CMY	0.6196, 0.6549, 0.5020
CMYK	0.24, 0.31, 0.00, 0.50
HSL	254°, 18%, 42%
HSV	254°, 31%, 50%
XYZ	12.2503, 11.0531, 21.5665
YIQ	95.1370, -7.1550, 14.0370

Conversions

Conversions Part 2

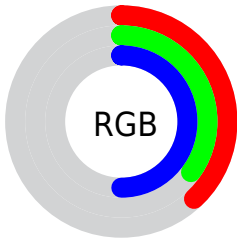
Format	Color
R_{YB}	97, 88, 127
Decimal	6379647
CIE Lab	39.67, 12.61, -20.60
CIE LCh	40, 24.153, 301.468
Yxy	11.0531, 0.2730, 0.2463
Android (android.graphics.Color)	4284569727 (0xFF61587F)
YUV	95.1370, 15.7085, 1.6339
Hunter-Lab	33.2463, 7.5910, -15.1884

Details

The Hex color **61587F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **767F58**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **948AB4**, and **312B4E** is the 20% darker color. If you saturate the color by 10%, you get **574B7F**, and if you desaturate by 10%, it is **6B657F**.

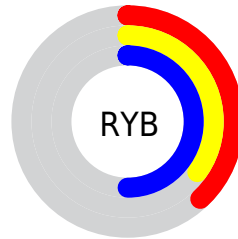
Distribution



Red (38%)

Green (35%)

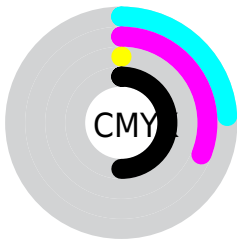
Blue (50%)



Red (38%)

Yellow (35%)

Blue (50%)

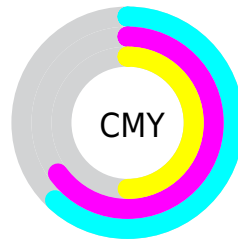


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (65%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61587F 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 61587F by changing the saturation by 10% instead.

■ 61587F

■ 61587F

FFFFFF

■ 494166

■ 948AB4

■ 312B4E

■ AFA4CF

■ 1B1637

■ CBBFEC

■ 050022

■ E7DBFF

■ 000007

■ FFF8FF

■ 000000

■ 61587F

■ 61587F

■ 574B7F

■ 6B657F

■ 4D3F7F

■ 75717F

■ 44327F

■ 7E7E7F

■ 3A257F

■ 888B7F

■ 30187F

■ 92987F

■ 260C7F

■ 9CA47F

■ 1D007F

■ A5B17F

■ AFBE7F

■ B9CA7F

Harmonies

Analogous

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



435F85



61587F



775171

Triad

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



61587F



7A563B



23685E

Complementary

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



61587F



767F58

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.



3D664A



61587F



6A5D36

Square

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



61587F



83504A



55623B



0B6771

Rectangle

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



61587F



804F64



55623B



2C6857

Sweetspot

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



61587F



9A97A6



58777F



4D4B54



D4D4D4



545454

Same Dimension

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



61587F



7768A6



74587F



3B3940



1D0080



000000

Inverse Universe

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



7F5876



A66898



637F58



40393E



800062



000000

Previews

White Background



This preview shows how the Hex color 61587F looks on a white background.

Color Contrast Check

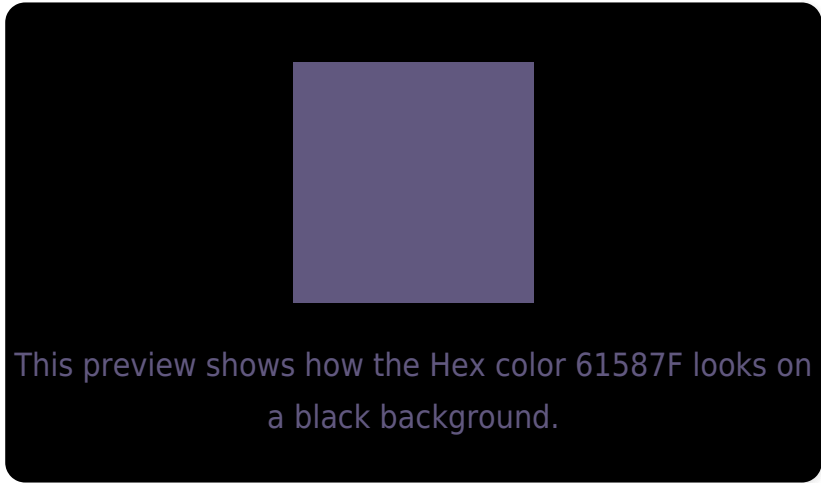
Large Text (above 18pt) WCAG AA ✓ Pass

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 61587F Background



This preview shows how black text looks on a background with the Hex color 61587F.



This preview shows how white text looks on a background with the Hex color 61587F.

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
61587F

Protanopia
525C82

Deuteranopia
545C7E



Tritanopia
5C5D65

Trichromacy



Original Color
61587F

Protanomaly
575B81

Deuteranomaly
595B7E

Tritanomaly
5E5B6E

Monochromacy



Original Color
61587F

Achromatopsia
5F5F5F

Achromatomaly
605C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 61587F 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 #61587F looks like.

```
.text, #text, p{  
    color:#61587F  
}
```

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 #61587F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61587F
}
```

Border

The CSS property to change the border of an element to Hex 61587F is called "border". The border property can be set on classes, ids or directly on the HTML element.

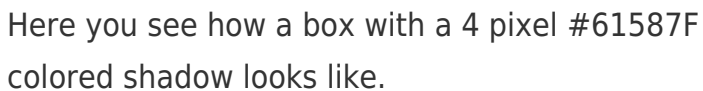
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61587F }
```

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

```
.border{ border-color:#61587F }
```

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



Here you see how a box with a 4 pixel #61587F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61587F; -webkit-box-shadow:4px 4px  
4px 4px #61587F; box-shadow:4px 4px 4px  
4px #61587F }
```

Background

The CSS property to change the background color of an element to Hex 61587F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61587F }
```

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

```
.background{ background-color:#61587F }
```

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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