

Converting Colors

Hex(61788F)

Have a look what the booklet for
Hex(61788F) contains.

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Color

Hex(61788F)

Conversions

Conversions Part 1

Format	Color
Hex	61788F
RGB	97, 120, 143
RGB Percent	38%, 47%, 56%
CMY	0.6196, 0.5294, 0.4392
CMYK	0.32, 0.16, 0.00, 0.44
HSL	210°, 19%, 47%
HSV	210°, 32%, 56%
XYZ	16.6042, 17.9575, 28.5776
YIQ	115.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

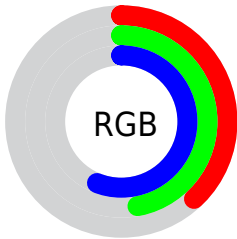
Format	Color
R_{YB}	97, 112, 143
Decimal	6387855
CIE _{Lab}	49.44, -2.58, -15.22
CIE _{LCh}	49, 15.433, 260.380
Yxy	17.9575, 0.2630, 0.2844
Android (android.graphics.Color)	4284577935 (0xFF61788F)
YUV	115.7450, 13.4367, -16.4394
Hunter-Lab	42.3763, -4.2174, -10.3204

Details

The Hex color **61788F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F7861**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **95ACC5**, and **30485D** is the 20% darker color. If you saturate the color by 10%, you get **53718F**, and if you desaturate by 10%, it is **6F7F8F**.

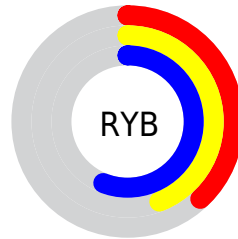
Distribution



Red (38%)

Green (47%)

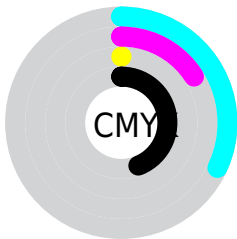
Blue (56%)



Red (38%)

Yellow (44%)

Blue (56%)

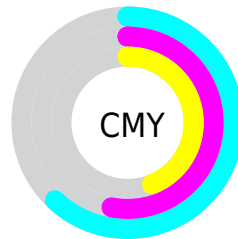


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61788F 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 61788F by changing the saturation by 10% instead.

■ 61788F

■ 61788F

FFFFFF

■ 485F75

■ 95ACC5

■ 30485D

■ B0C7E1

■ 193145

■ CCE4FD

■ 001C2F

■ E8FFFF

■ 00011A

■ 000000

■ 61788F

■ 61788F

■ 53718F

■ 6F7F8F

■ 446A8F

■ 7E868F

■ 36638F

■ 8C8D8F

■ 285B8F

■ 9A958F

■ 19548F

■ A99C8F

■ 0B4D8F

■ B7A38F

■ 00488F

■ C5AA8F

■ D3B18F

■ E2B88F

Harmonies

Analogous

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



547B89



61788F



72748E

Triad

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



61788F



916D6D



677B65

Complementary

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



61788F



8F7861

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.



76775D



61788F



8D6F62

Square

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



61788F



8D6D7A



84735C



5A7D71

Rectangle

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



61788F



7D718A



84735C



6C7A61

Sweetspot

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



61788F



A8B1BA



618F78



53595E



DEDEDE



5E5E5E

Same Dimension

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



61788F



7296BA



61618F



404447



004487



000408

Inverse Universe

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



8F6178



BA7296



8F8F61



474044



870044



080004

Previews

White Background



This preview shows how the Hex color 61788F looks on a white background.

Color Contrast Check

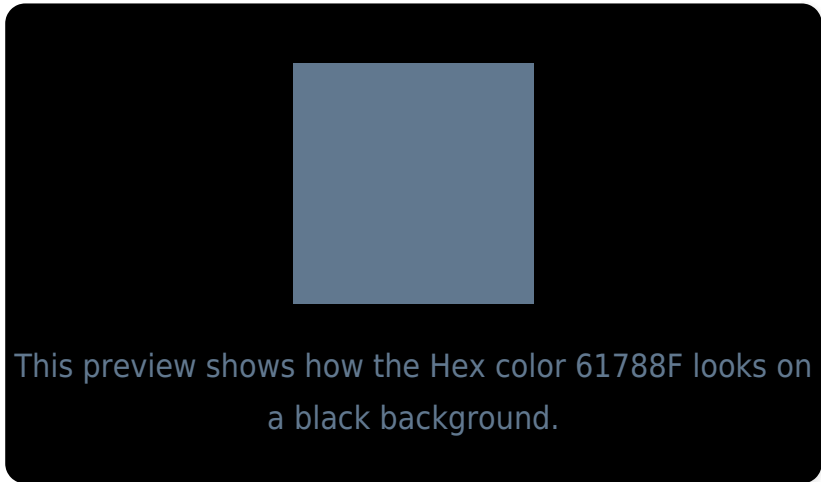
Large Text (above 18pt) WCAG AA ✓ Pass

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

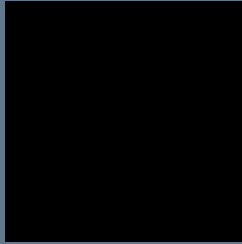
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

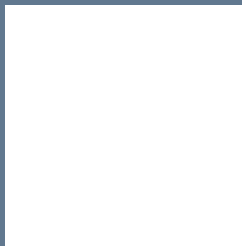
Any Text WCAG AAA × Fail

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

Hex 61788F Background



This preview shows how black text looks on a background with the Hex color 61788F.



This preview shows how white text looks on a background with the Hex color 61788F.

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
61788F

Protanopia
70748C

Deuteranopia
737390



Tritanopia
5E7A84

Trichromacy



Original Color
61788F

Protanomaly
6B758D

Deuteranomaly
6C7590

Tritanomaly
5F7988

Monochromacy



Original Color
61788F

Achromatopsia
747474

Achromatomaly
6D757E

CSS Examples

Text

The CSS property to change the color of the text to Hex 61788F 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 #61788F looks like.

```
.text, #text, p{  
    color:#61788F  
}
```

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 #61788F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61788F
}
```

Border

The CSS property to change the border of an element to Hex 61788F is called "border". The border property can be set on classes, ids or directly on the HTML element.

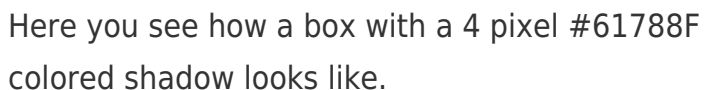
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61788F }
```

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

```
.border{ border-color:#61788F }
```

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



Here you see how a box with a 4 pixel #61788F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61788F; -webkit-box-shadow:4px 4px  
4px 4px #61788F; box-shadow:4px 4px 4px  
4px #61788F }
```

Background

The CSS property to change the background color of an element to Hex 61788F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61788F }
```

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

```
.background{ background-color:#61788F }
```

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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