

Converting Colors

Hex(64778F)

Have a look what the booklet for
Hex(64778F) contains.

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Color

Hex(64778F)

Conversions

Conversions Part 1

Format	Color
Hex	64778F
RGB	100, 119, 143
RGB Percent	39%, 47%, 56%
CMY	0.6078, 0.5333, 0.4392
CMYK	0.30, 0.17, 0.00, 0.44
HSL	213°, 18%, 48%
HSV	213°, 30%, 56%
XYZ	16.8103, 17.8861, 28.5530
YIQ	116.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

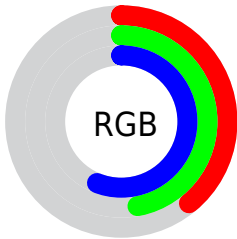
Format	Color
R_{YB}	100, 113, 143
Decimal	6584207
CIE Lab	49.36, -1.05, -15.33
CIE LCh	49, 15.365, 266.069
Yxy	17.8861, 0.2658, 0.2828
Android (android.graphics.Color)	4284774287 (0xFF64778F)
YUV	116.0550, 13.2839, -14.0802
Hunter-Lab	42.2920, -3.0606, -10.4246

Details

The Hex color **64778F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F7C64**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98ABC5**, and **34475D** is the 20% darker color. If you saturate the color by 10%, you get **566F8F**, and if you desaturate by 10%, it is **727F8F**.

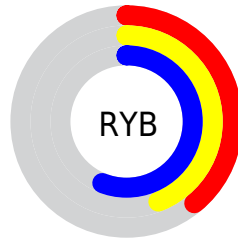
Distribution



Red (39%)

Green (47%)

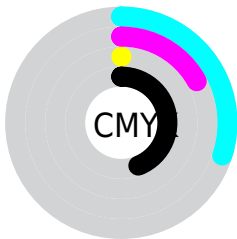
Blue (56%)



Red (39%)

Yellow (44%)

Blue (56%)

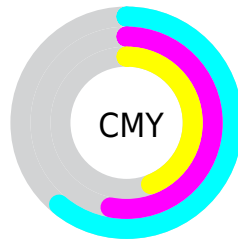


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64778F 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 64778F by changing the saturation by 10% instead.

■ 64778F

■ 64778F

FFFFFF

■ 4B5E75

■ 98ABC5

■ 34475D

■ B3C6E1

■ 1C3045

■ CFE2FD

■ 041C2F

■ EBFFFF

■ 00011A

■ 000000

■ 64778F

■ 64778F

■ 566F8F

■ 727F8F

■ 47678F

■ 81878F

■ 395F8F

■ 8F8F8F

■ 2B578F

■ 9D978F

■ 1C4F8F

■ AB9F8F

■ 0E478F

■ BAA78F

■ 003F8F

■ C8AF8F

■ D6B78F

■ E5BF8F

Harmonies

Analogous

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



567B8A



64778F



75738D

Triad

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



64778F



906D6A



647B66

Complementary

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



64778F



8F7C64

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.



73785E



64778F



8B7060

Square

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



64778F



8E6C78



81745C



577D73

Rectangle

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



64778F



807087



81745C



697A63

Sweetspot

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



64778F



A9B1BA



648F7C



54595E



DEDEDE



5E5E5E

Same Dimension

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



64778F



7795BA



66648F



404347



003C87



000308

Inverse Universe

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



8F6477



BA7795



8D8F64



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 64778F looks on a white background.

Color Contrast Check

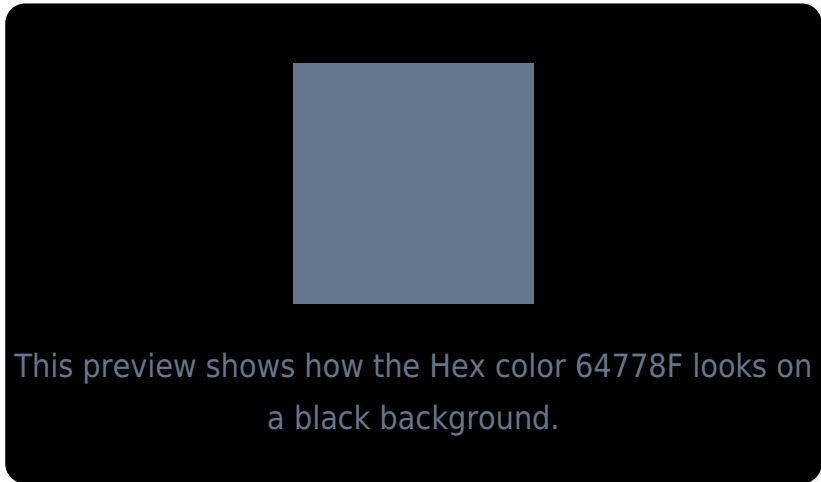
Large Text (above 18pt) WCAG AA ✓ Pass

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

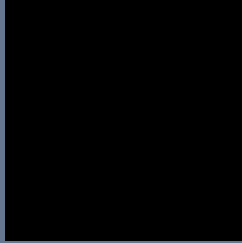
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

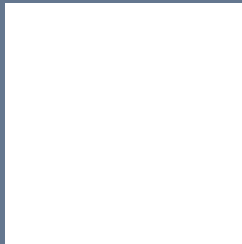
Any Text WCAG AAA × Fail

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

Hex 64778F Background



This preview shows how black text looks on a background with the Hex color 64778F.



This preview shows how white text looks on a background with the Hex color 64778F.

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
64778F

Protanopia
70748D

Deuteranopia
737390



Tritanopia
617983

Trichromacy



Original Color
64778F

Protanomaly
6C758E

Deuteranomaly
6E7490

Tritanomaly
627887

Monochromacy



Original Color
64778F

Achromatopsia
747474

Achromatomaly
6E757E

CSS Examples

Text

The CSS property to change the color of the text to Hex 64778F 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 #64778F looks like.

```
.text, #text, p{  
  color:#64778F  
}
```

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 #64778F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64778F
}
```

Border

The CSS property to change the border of an element to Hex 64778F 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
#64778F }
```

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

```
.border{ border-color:#64778F }
```

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

Here you see how a box with a 4 pixel #64778F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64778F; -webkit-box-shadow:4px 4px  
4px 4px #64778F; box-shadow:4px 4px 4px  
4px #64778F }
```

Background

The CSS property to change the background color of an element to Hex 64778F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64778F }
```

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

```
.background{ background-color:#64778F }
```

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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