

Converting Colors

Hex(64786F)

Have a look what the booklet for
Hex(64786F) contains.

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Color

Hex(64786F)

Conversions

Conversions Part 1

Format	Color
Hex	64786F
RGB	100, 120, 111
RGB Percent	39%, 47%, 44%
CMY	0.6078, 0.5294, 0.5647
CMYK	0.17, 0.00, 0.07, 0.53
HSL	153°, 9%, 43%
HSV	153°, 17%, 47%
XYZ	14.8412, 17.2900, 17.5940
YIQ	112.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

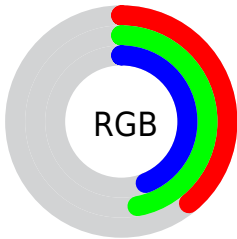
Format	Color
R_{YB}	100, 113, 120
Decimal	6584431
CIE _{Lab}	48.62, -9.30, 2.49
CIE _{LCh}	49, 9.630, 165.045
Yxy	17.2900, 0.2985, 0.3477
Android (android.graphics.Color)	4284774511 (0xFF64786F)
YUV	112.9940, -0.9830, -11.3957
Hunter-Lab	41.5812, -9.0565, 4.0198

Details

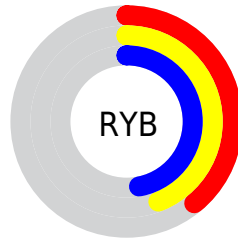
The Hex color **64786F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78646D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **97ACA3**, and **35483F** is the 20% darker color. If you saturate the color by 10%, you get **58786A**, and if you desaturate by 10%, it is **707874**.

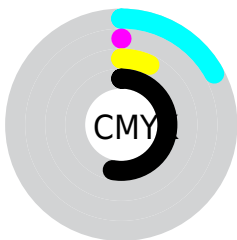
Distribution



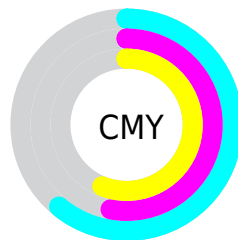
- Red (39%)
- Green (47%)
- Blue (44%)



- Red (39%)
- Yellow (44%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64786F 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 64786F by changing the saturation by 10% instead.



64786F



64786F

FFFFFF



4C5F57



97ACA3



35483F



B2C8BE



1F312A



CDE4D9



0A1C15



EAFFF6



000000



64786F



64786F



58786A



707874



4C7864



7C787A



40785F



88787F

■ 347859

■ 947885

■ 287854

■ A0788A

■ 1C784F

■ AC788F

■ 107849

■ B87895

■ 047844

■ C4789A

■ 007842

■ D078A0

Harmonies

Analogous

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



6C7768



64786F



5F7877

Triad

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



64786F



707383



846F68

Complementary

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



64786F



78646D

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.



856E70



64786F



7A707F

Square

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



64786F



667583



826E78



7E7264

Rectangle

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



64786F



5F787C



826E78



856F6A

Sweetspot

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



64786F



949C98



6D7864



4A4F4D



CFCFCF



4F4F4F

Same Dimension

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



64786F



7C9C8E



647778



373D3A



007D45



00FC8B

Inverse Universe

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



78646D



9C7C8A



786564



3D373A



7D0038



FC0072

Previews

White Background



This preview shows how the Hex color 64786F looks on a white background.

Color Contrast Check

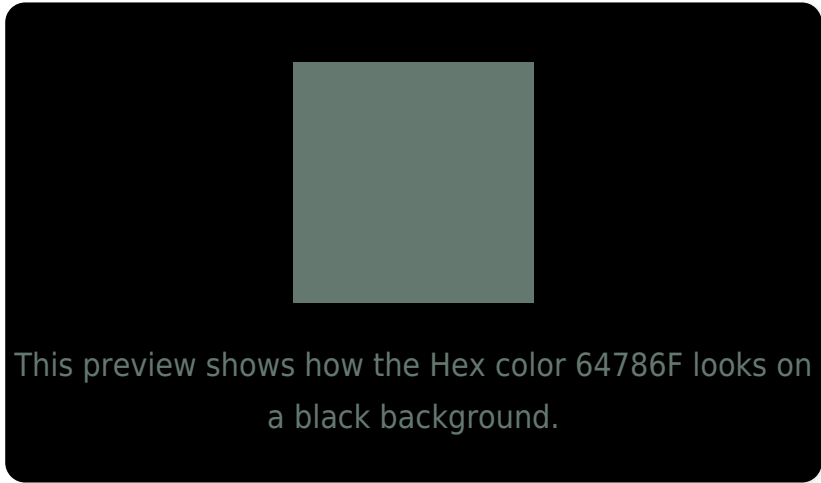
Large Text (above 18pt) WCAG AA ✓ Pass

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

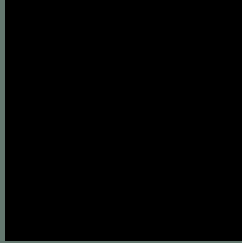
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

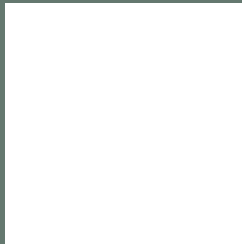
Any Text WCAG AAA × Fail

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

Hex 64786F Background



This preview shows how black text looks on a background with the Hex color 64786F.



This preview shows how white text looks on a background with the Hex color 64786F.

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](#).

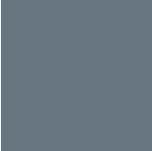
Dichromacy



Original Color
64786F

Protanopia
77736C

Deuteranopia
7F6F71



Tritanopia
67767F

Trichromacy



Original Color
64786F

Protanomaly
70756D

Deuteranomaly
757270

Tritanomaly
667779

Monochromacy



Original Color
64786F

Achromatopsia
717171

Achromatomaly
6C7470

CSS Examples

Text

The CSS property to change the color of the text to Hex 64786F 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 #64786F looks like.

```
.text, #text, p{  
    color:#64786F  
}
```

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 #64786F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64786F
}
```

Border

The CSS property to change the border of an element to Hex 64786F 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
#64786F }
```

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

```
.border{ border-color:#64786F }
```

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

Here you see how a box with a 4 pixel #64786F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64786F; -webkit-box-shadow:4px 4px  
4px 4px #64786F; box-shadow:4px 4px 4px  
4px #64786F }
```

Background

The CSS property to change the background color of an element to Hex 64786F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64786F }
```

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

```
.background{ background-color:#64786F }
```

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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