

Converting Colors

Hex(66836F)

Have a look what the booklet for
Hex(66836F) contains.

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Color

Hex(66836F)

Conversions

Conversions Part 1

Format	Color
Hex	66836F
RGB	102, 131, 111
RGB Percent	40%, 51%, 44%
CMY	0.6000, 0.4863, 0.5647
CMYK	0.22, 0.00, 0.15, 0.49
HSL	139°, 12%, 46%
HSV	139°, 22%, 51%
XYZ	16.4650, 20.2051, 18.0711
YIQ	120.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

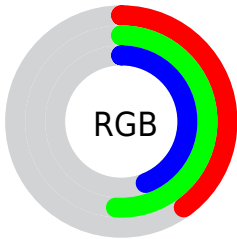
Format	Color
RYB	102, 124, 131
Decimal	6718319
CIELab	52.07, -14.67, 7.45
CIElCh	52, 16.454, 153.082
Yxy	20.2051, 0.3008, 0.3691
Android (android.graphics.Color)	4284908399 (0xFF66836F)
YUV	120.0490, -4.4612, -15.8290
Hunter-Lab	44.9501, -13.2787, 7.6289

Details

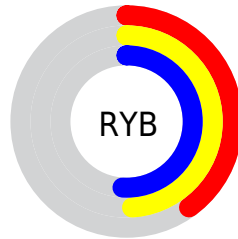
The Hex color **66836F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **83667A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **99B8A3**, and **36523F** is the 20% darker color. If you saturate the color by 10%, you get **598366**, and if you desaturate by 10%, it is **738378**.

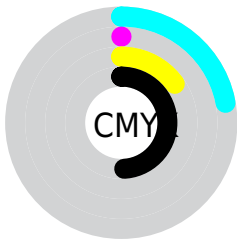
Distribution



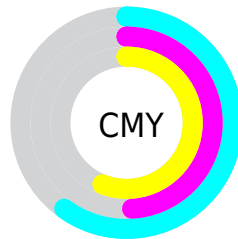
- Red (40%)
- Green (51%)
- Blue (44%)



- Red (40%)
- Yellow (49%)
- Blue (51%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66836F 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 66836F by changing the saturation by 10% instead.



66836F



66836F

FFFFFF



4E6A57



99B8A3



36523F



B4D4BE



203A29



D0F0D9



0A2515



ECFFF6



000E00



000000



66836F



66836F



598366



738378



4C835D



808381

 3F8354

 8D838A

 32834B

 9A8393

 258342

 A8839C

 178339

 B583A5

 0A8330

 C283AE

 008329

 CF83B7

 DC83C0

Harmonies

Analogous

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



768064



66836F



59847D

Triad

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



66836F



6E7D98



99736D

Complementary

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



66836F



83667A

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.



98727B



66836F



807894

Square

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



66836F



5D8195



907489



927763

Rectangle

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



66836F



558487



907489



997372

Sweetspot

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



66836F



9FABA3



7A8366



505752



D6D6D6



575757

Same Dimension

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



66836F



7DAB8B



66837D



3C423E



008228



000301

Inverse Universe

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



83667A



AB7D9D



83666C



423C40



82005A



030002

Previews

White Background



This preview shows how the Hex color 66836F looks on a white background.

Color Contrast Check

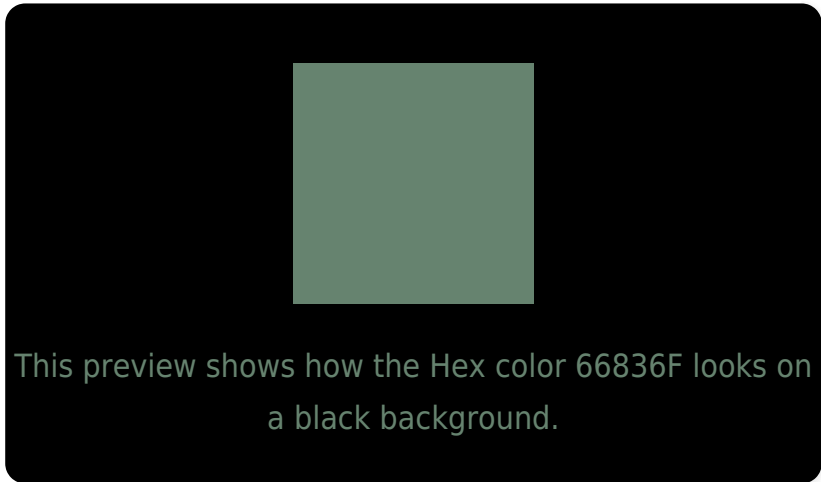
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

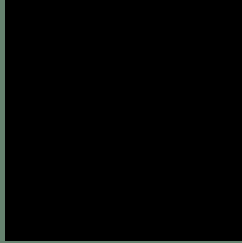
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

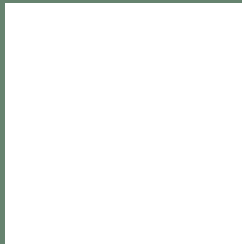
Any Text WCAG AAA × Fail

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

Hex 66836F Background



This preview shows how black text looks on a background with the Hex color 66836F.



This preview shows how white text looks on a background with the Hex color 66836F.

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
66836F

Protanopia
827B6B

Deuteranopia
8C7771



Tritanopia
6B7F89

Trichromacy



Original Color
66836F

Protanomaly
787E6C

Deuteranomaly
7E7B70

Tritanomaly
698080

Monochromacy



Original Color
66836F

Achromatopsia
787878

Achromatomaly
717C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 66836F 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 #66836F looks like.

```
.text, #text, p{  
    color:#66836F  
}
```

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 #66836F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66836F
}
```

Border

The CSS property to change the border of an element to Hex 66836F 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".

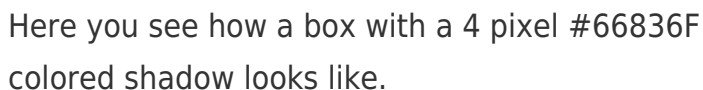
```
.border, #border, table{ border:4px solid
#66836F }
```

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

```
.border{ border-color:#66836F }
```

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

Here you see how a box with a 4 pixel #66836F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66836F; -webkit-box-shadow:4px 4px  
4px 4px #66836F; box-shadow:4px 4px 4px  
4px #66836F }
```

Background

The CSS property to change the background color of an element to Hex 66836F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66836F }
```

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

```
.background{ background-color:#66836F }
```

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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