

Converting Colors

Hex(686F56)

Have a look what the booklet for
Hex(686F56) contains.

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Color

Hex(686F56)

Conversions

Conversions Part 1

Format	Color
Hex	686F56
RGB	104, 111, 86
RGB Percent	41%, 44%, 34%
CMY	0.5922, 0.5647, 0.6627
CMYK	0.06, 0.00, 0.23, 0.56
HSL	77°, 13%, 39%
HSV	77°, 23%, 44%
XYZ	13.0731, 14.9838, 11.0072
YIQ	106.0570, 3.8530, -9.2590

Conversions

Conversions Part 2

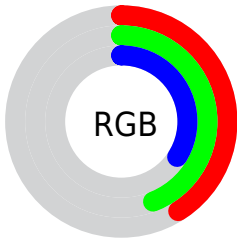
Format	Color
R_{YB}	86, 111, 93
Decimal	6844246
CIE Lab	45.61, -7.47, 13.06
CIE LCh	46, 15.046, 119.777
Yxy	14.9838, 0.3347, 0.3836
Android (android.graphics.Color)	4285034326 (0xFF686F56)
YUV	106.0570, -9.8881, -1.8040
Hunter-Lab	38.7089, -7.4563, 10.2366

Details

The Hex color **686F56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D566F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9BA388**, and **393F29** is the 20% darker color. If you saturate the color by 10%, you get **656F4B**, and if you desaturate by 10%, it is **6B6F61**.

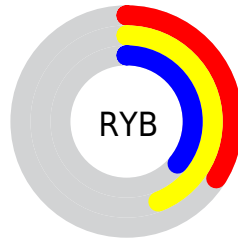
Distribution



Red (41%)

Green (44%)

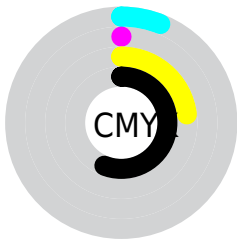
Blue (34%)



Red (34%)

Yellow (44%)

Blue (36%)

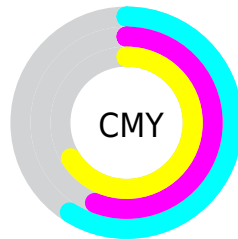


Cyan (6%)

Magenta (0%)

Yellow (23%)

Black (56%)



Cyan (59%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686F56 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 686F56 by changing the saturation by 10% instead.



686F56



686F56

FFFFFF



50573F



9BA388



393F29



B6BEA2



232914



D2D9BD



0C1500



EEF6D9



000000



FFFFFF5



686F56



686F56



656F4B



6B6F61



626F40



6E6F6C

■ 5F6F35

■ 716F77

■ 5C6F2A

■ 746F82

■ 586F1E

■ 786F8E

■ 556F13

■ 7B6F99

■ 526F08

■ 7E6FA4

■ 506F00

■ 816FAF

■ 846FBA

Harmonies

Analogous

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



766B53



686F56



5A725F

Triad

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



686F56



4F7181



85636D

Complementary

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



686F56



5D566F

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.



7C6579



686F56



5D6D85

Square

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



686F56



497378



6E6982



866460

Rectangle

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



686F56



517367



6E6982



836371

Sweetspot

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



686F56



8F9187



6F5D56



484A44



C9C9C9



4A4A4A

Same Dimension

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



686F56



86916A



5C6F56



373832



567800



B2F700

Inverse Universe

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



5D566F



756A91



69566F



343238



220078



4500F7

Previews

White Background



This preview shows how the Hex color 686F56 looks on a white background.

Color Contrast Check

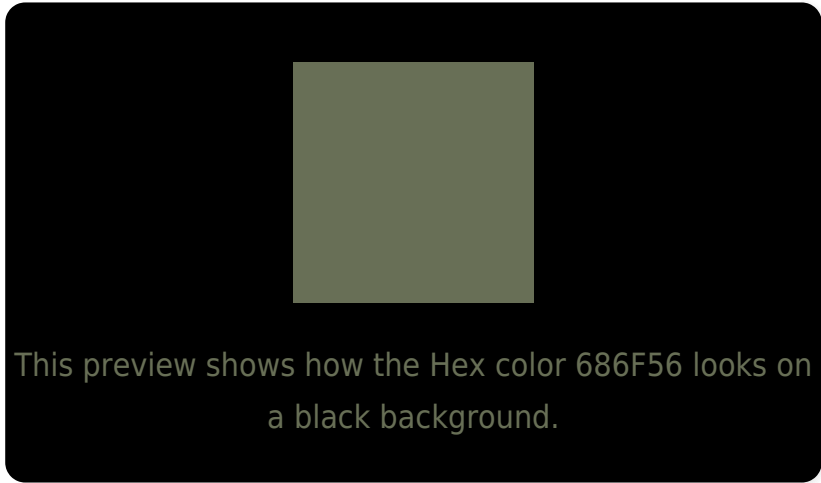
Large Text (above 18pt) WCAG AA ✓ Pass

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

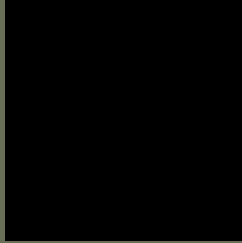
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

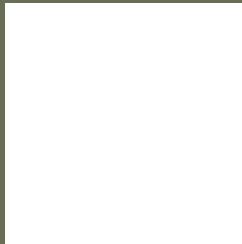
Any Text WCAG AAA × Fail

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

Hex 686F56 Background



This preview shows how black text looks on a background with the Hex color 686F56.



This preview shows how white text looks on a background with the Hex color 686F56.

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
686F56

Protanopia
736C54

Deuteranopia
7D6858



Tritanopia
6C6B73

Trichromacy



Original Color
686F56

Protanomaly
6F6D55

Deuteranomaly
756B57

Tritanomaly
6B6C68

Monochromacy



Original Color
686F56

Achromatopsia
6A6A6A

Achromatomaly
696C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 686F56 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 #686F56 looks like.

```
.text, #text, p{  
    color:#686F56  
}
```

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 #686F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686F56
}
```

Border

The CSS property to change the border of an element to Hex 686F56 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".

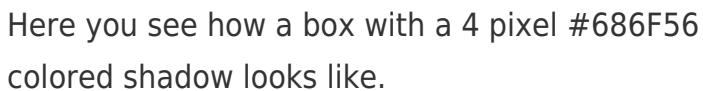
```
.border, #border, table{ border:4px solid
#686F56 }
```

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

```
.border{ border-color:#686F56 }
```

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

Here you see how a box with a 4 pixel #686F56 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686F56; -webkit-box-shadow:4px 4px  
4px 4px #686F56; box-shadow:4px 4px 4px  
4px #686F56 }
```

Background

The CSS property to change the background color of an element to Hex 686F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686F56 }
```

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

```
.background{ background-color:#686F56 }
```

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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