

Converting Colors

Hex(686B05)

Have a look what the booklet for
Hex(686B05) contains.

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Color

Hex(686B05)

Conversions

Conversions Part 1

Format	Color
Hex	686B05
RGB	104, 107, 5
RGB Percent	41%, 42%, 2%
CMY	0.5922, 0.5804, 0.9804
CMYK	0.03, 0.00, 0.95, 0.58
HSL	62°, 91%, 22%
HSV	62°, 95%, 42%
XYZ	10.9940, 13.4694, 2.1640
YIQ	94.4750, 30.9540, -32.3580

Conversions

Conversions Part 2

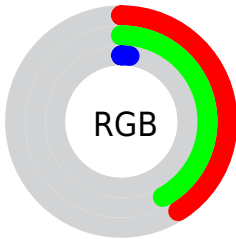
Format	Color
RYB	5, 107, 8
Decimal	6843141
CIELab	43.46, -12.68, 48.35
CIELCh	43, 49.983, 104.701
Yxy	13.4694, 0.4129, 0.5058
Android (android.graphics.Color)	4285033221 (0xFF686B05)
YUV	94.4750, -44.1112, 8.3534
Hunter-Lab	36.7007, -10.7550, 22.1946

Details

The Hex color **686B05** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **08056B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9E9E3F**, and **353C00** is the 20% darker color. If you saturate the color by 10%, you get **686B00**, and if you desaturate by 10%, it is **686B10**.

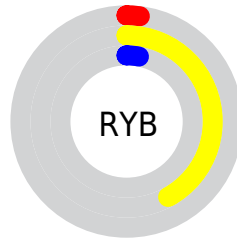
Distribution



Red (41%)

Green (42%)

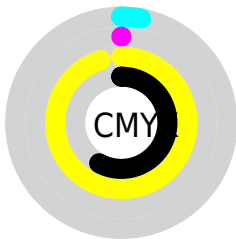
Blue (2%)



Red (2%)

Yellow (42%)

Blue (3%)

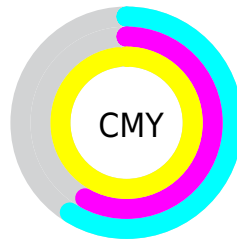


Cyan (3%)

Magenta (0%)

Yellow (95%)

Black (58%)



Cyan (59%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686B05 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 686B05 by changing the saturation by 10% instead.



686B05



686B05

FFFFFFE



4E5300



9E9E3F



353C00



BAB959



1C2600



D7D573



001300



F4F18D



000000



FFFA9



FFFC4



FFFE1



686B05



686B05

■ 686B00

■ 686B10

■ 696B1A

■ 696B25

■ 696B30

■ 6A6B3B

■ 6A6B45

■ 6A6B50

■ 6B6B5B

■ 6B6B65

Harmonies

Analogous

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



8D5D0D



686B05



387427

Triad

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



686B05



0078A0



A6417E

Complementary

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



686B05



08056B

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.



8252A2



686B05



0071B7

Square

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



686B05



007A7A



3864B7



B13E54

Rectangle

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



686B05



007841



3864B7



9D468B

Sweetspot

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



686B05



8B8C64



6B0705



47472E



C7C7C7



474747

Same Dimension

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



686B05



888C00



366B05



353630



727500



EEF500

Inverse Universe

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



08056B



04008C



3A056B



303036



030075



0700F5

Previews

White Background



This preview shows how the Hex color 686B05 looks on a white background.

Color Contrast Check

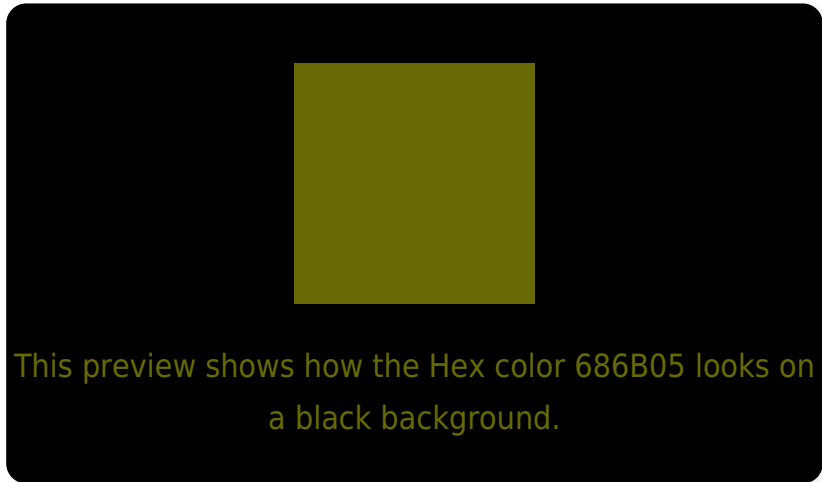
Large Text (above 18pt) WCAG AA ✓ Pass

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 686B05 Background



This preview shows how black text looks on a background with the Hex color 686B05.



This preview shows how white text looks on a background with the Hex color 686B05.

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
686B05

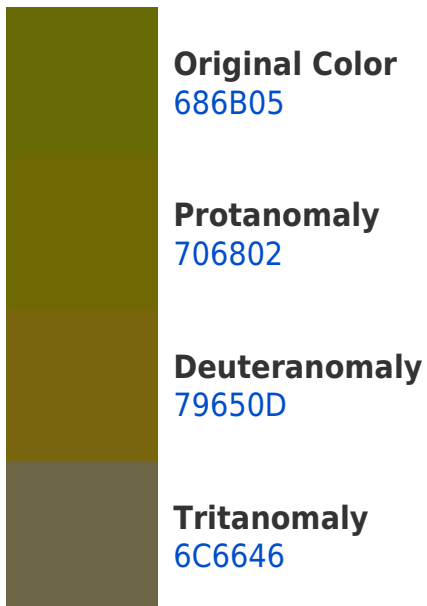
Protanopia
746700

Deuteranopia
826111

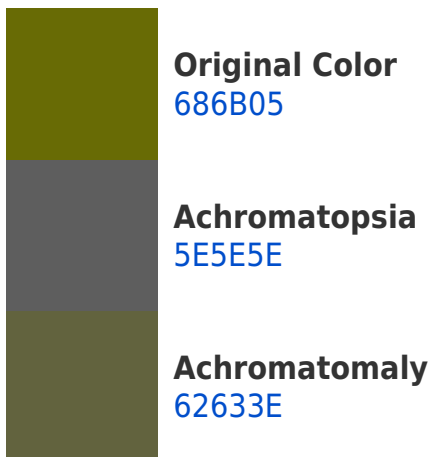


Tritanopia
6F636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 686B05 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 #686B05 looks like.

```
.text, #text, p{  
    color:#686B05  
}
```

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 #686B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B05
}
```

Border

The CSS property to change the border of an element to Hex 686B05 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
#686B05 }
```

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

```
.border{ border-color:#686B05 }
```

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

Here you see how a box with a 4 pixel #686B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B05; -webkit-box-shadow:4px 4px  
4px 4px #686B05; box-shadow:4px 4px 4px  
4px #686B05 }
```

Background

The CSS property to change the background color of an element to Hex 686B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B05 }
```

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

```
.background{ background-color:#686B05 }
```

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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