

Converting Colors

Hex(686D08)

Have a look what the booklet for
Hex(686D08) contains.

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Color

Hex(686D08)

Conversions

Conversions Part 1

Format	Color
Hex	686D08
RGB	104, 109, 8
RGB Percent	41%, 43%, 3%
CMY	0.5922, 0.5725, 0.9686
CMYK	0.05, 0.00, 0.93, 0.57
HSL	63°, 86%, 23%
HSV	63°, 93%, 43%
XYZ	11.2214, 13.8979, 2.3209
YIQ	95.9910, 29.4410, -32.4710

Conversions

Conversions Part 2

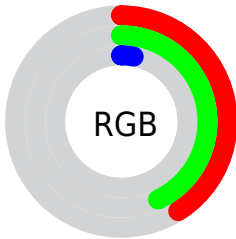
Format	Color
R_{YB}	8, 109, 13
Decimal	6843656
CIE _{Lab}	44.09, -13.71, 48.14
CIE _{LCh}	44, 50.057, 105.891
Yxy	13.8979, 0.4089, 0.5065
Android (android.graphics.Color)	4285033736 (0xFF686D08)
YUV	95.9910, -43.3796, 7.0239
Hunter-Lab	37.2798, -11.5105, 22.4048

Details

The Hex color **686D08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D086D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9EA041**, and **353E00** is the 20% darker color. If you saturate the color by 10%, you get **686D00**, and if you desaturate by 10%, it is **696D13**.

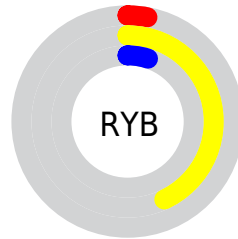
Distribution



Red (41%)

Green (43%)

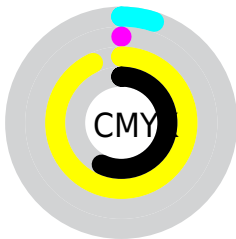
Blue (3%)



Red (3%)

Yellow (43%)

Blue (5%)

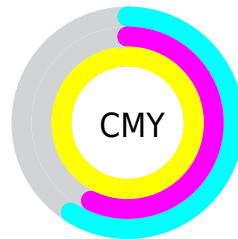


Cyan (5%)

Magenta (0%)

Yellow (93%)

Black (57%)



Cyan (59%)

Magenta (57%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686D08 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 686D08 by changing the saturation by 10% instead.

 686D08

 686D08

FFFFFF

 4E5500

 9EA041

 353E00

 BABB5B

 1C2800

 D7D775

 001500

 F4F38F

 000000

 FFFFAB

 FFFFC6

 FFFF E3

 686D08

 686D08

■ 686D00

■ 696D13

■ 696D1E

■ 6A6D29

■ 6A6D34

■ 6B6D3F

■ 6B6D49

■ 6C6D54

■ 6C6D5F

■ 6D6D6A

Harmonies

Analogous

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



8D5F0D



686D08



37762A

Triad

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



686D08



007AA3



A9427E

Complementary

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



686D08



0D086D

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.



8653A3



686D08



0073B9

Square

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



686D08



007C7E



3F65B9



B34054

Rectangle

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



686D08



007944



3F65B9



A0478B

Sweetspot

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



686D08



8D8F67



6D0B08



46472F



C7C7C7



474747

Same Dimension

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



686D08



888F00



376D08



353630



6F7500



E9F500

Inverse Universe

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



0D086D



07008F



3E086D



303036



060075



0C00F5

Previews

White Background



This preview shows how the Hex color 686D08 looks on a white background.

Color Contrast Check

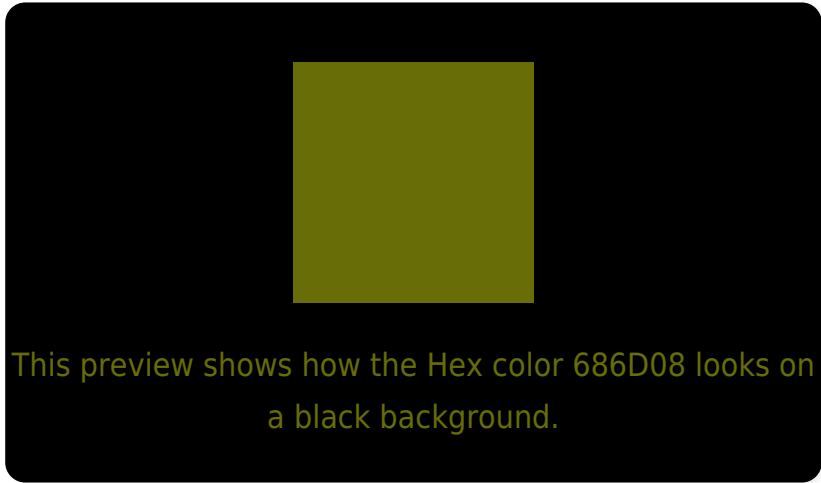
Large Text (above 18pt) WCAG AA ✓ Pass

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

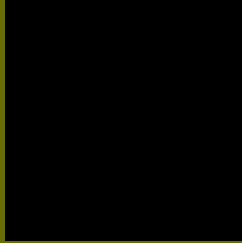
Any Text WCAG AA × Fail

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 686D08 Background



This preview shows how black text looks on a background with the Hex color 686D08.



This preview shows how white text looks on a background with the Hex color 686D08.

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
686D08

Protanopia
766905

Deuteranopia
836313



Tritanopia
70656D

Trichromacy



Original Color
686D08

Protanomaly
716A06

Deuteranomaly
79670F

Tritanomaly
6D6848

Monochromacy



Original Color
686D08

Achromatopsia
606060

Achromatomaly
636540

CSS Examples

Text

The CSS property to change the color of the text to Hex 686D08 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 #686D08 looks like.

```
.text, #text, p{  
    color:#686D08  
}
```

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 #686D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686D08
}
```

Border

The CSS property to change the border of an element to Hex 686D08 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
#686D08 }
```

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

```
.border{ border-color:#686D08 }
```

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

Here you see how a box with a 4 pixel #686D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686D08; -webkit-box-shadow:4px 4px  
4px 4px #686D08; box-shadow:4px 4px 4px  
4px #686D08 }
```

Background

The CSS property to change the background color of an element to Hex 686D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686D08 }
```

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

```
.background{ background-color:#686D08 }
```

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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