

Converting Colors

Hex(686600)

Have a look what the booklet for
Hex(686600) contains.

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Color

Hex(686600)

Conversions

Conversions Part 1

Format	Color
Hex	686600
RGB	104, 102, 0
RGB Percent	41%, 40%, 0%
CMY	0.5922, 0.6000, 1.0000
CMYK	0.00, 0.02, 1.00, 0.59
HSL	59°, 100%, 20%
HSV	59°, 100%, 41%
XYZ	10.4603, 12.4458, 1.8510
YIQ	90.9700, 33.9340, -31.2980

Conversions

Conversions Part 2

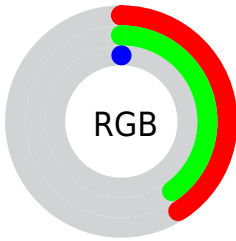
Format	Color
R_YB	2, 104, 0
Decimal	6841856
CIE Lab	41.92, -10.03, 48.43
CIE LCh	42, 49.457, 101.698
Yxy	12.4458, 0.4225, 0.5027
Android (android.graphics.Color)	4285031936 (0xFF686600)
YUV	90.9700, -44.8482, 11.4273
Hunter-Lab	35.2786, -8.8114, 21.5843

Details

The Hex color **686600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000268**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9E993B**, and **353800** is the 20% darker color. If you saturate the color by 10%, you get **686600**, and if you desaturate by 10%, it is **68660A**.

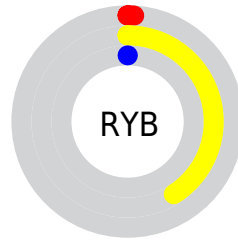
Distribution



Red (41%)

Green (40%)

Blue (0%)



Red (1%)

Yellow (41%)

Blue (0%)

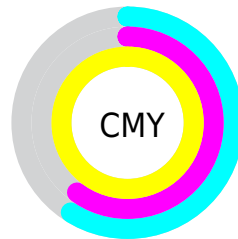


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686600 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 686600 by changing the saturation by 10% instead.

 686600

 686600

 FFFFF9

 4E4E00

 9E993B

 353800

 BAB355

 1C2200

 D7CF6F

 000D00

 F4EB89

 000000

 FFFFA4

 FFFFC0

 FFFFDC

 686600

 68660A

 686615

 68671F

 68672A

 686734

 68673E

 686749

 686853

 68685E

Harmonies

Analogous

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



8B580C



686600



3A6F20

Triad

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



686600



007498



9F3F7D

Complementary

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



686600



000268

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.



7951A0



686600



006EB0

Square

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



686600



007672



2562B3



AC3A55

Rectangle

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



686600



00733A



2562B3



95448A

Sweetspot

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



686600



87865F



680003



45442C



C4C4C4



454545

Same Dimension

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



686600



878500



376800



33332E



737100



F2EE00

Inverse Universe

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



000268



000387



310068



2E2E33



000273



0005F2

Previews

White Background



This preview shows how the Hex color 686600 looks on a white background.

Color Contrast Check

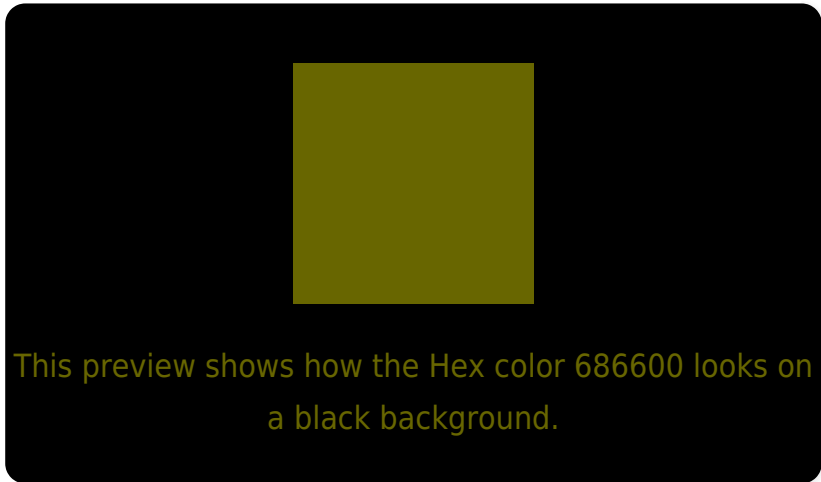
Large Text (above 18pt) WCAG AA ✓ Pass

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

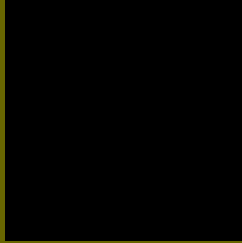
Any Text WCAG AA × Fail

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 686600 Background



This preview shows how black text looks on a background with the Hex color 686600.



This preview shows how white text looks on a background with the Hex color 686600.

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
686600

Protanopia
706300

Deuteranopia
7D5E0F



Tritanopia
6F5F66

Trichromacy



Original Color
686600

Protanomaly
6D6400

Deuteranomaly
75610A

Tritanomaly
6C6241

Monochromacy



Original Color
686600

Achromatopsia
5B5B5B

Achromatomaly
605F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 686600 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 #686600 looks like.

```
.text, #text, p{  
    color:#686600  
}
```

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 #686600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686600
}
```

Border

The CSS property to change the border of an element to Hex 686600 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
#686600 }
```

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

```
.border{ border-color:#686600 }
```

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

Here you see how a box with a 4 pixel #686600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686600; -webkit-box-shadow:4px 4px  
4px 4px #686600; box-shadow:4px 4px 4px  
4px #686600 }
```

Background

The CSS property to change the background color of an element to Hex 686600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686600 }
```

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

```
.background{ background-color:#686600 }
```

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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