

# Converting Colors

Hex(686100)

Have a look what the booklet for  
Hex(686100) contains.

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**Color**

**Hex(686100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686100
RGB	104, 97, 0
RGB Percent	41%, 38%, 0%
CMY	0.5922, 0.6196, 1.0000
CMYK	0.00, 0.07, 1.00, 0.59
HSL	56°, 100%, 20%
HSV	56°, 100%, 41%
XYZ	9.9836, 11.4924, 1.6921
YIQ	88.0350, 35.3090, -28.6830

# Conversions

## Conversions Part 2

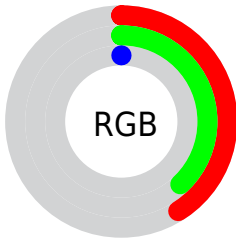
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 104, 0
Decimal	6840576
CIE <sub>Lab</sub>	40.40, -7.18, 47.33
CIE <sub>LCh</sub>	40, 47.870, 98.627
Yxy	11.4924, 0.4309, 0.4960
Android (android.graphics.Color)	4285030656 (0xFF686100)
YUV	88.0350, -43.4013, 14.0013
Hunter-Lab	33.9005, -6.7581, 20.7710

# Details

The Hex color **686100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000768**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9E933A**, and **353300** is the 20% darker color. If you saturate the color by 10%, you get **686100**, and if you desaturate by 10%, it is **68620A**.

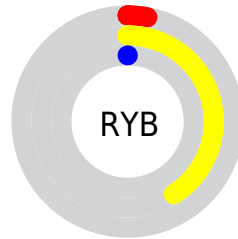
# Distribution



Red (41%)

Green (38%)

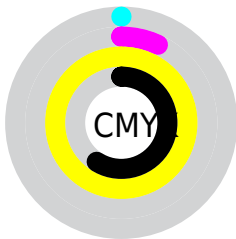
Blue (0%)



Red (3%)

Yellow (41%)

Blue (0%)

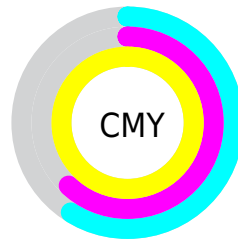


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686100 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 686100 by changing the saturation by 10% instead.



 686100

 686100

 FFFFF7

 4E4900

 9E933A

 353300

 BBAE53

 1C1E00

 D7C96D

 000300

 F5E588

 000000

 FFFFA3

 FFFFBE

 FFFFDB

 686100

 68620A

 686215

 68631F

 68642A

 686534

 68653E

 686649

 686753

 68675E

# Harmonies

## Analogous

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



895310



686100



3E6A1C

# Triad

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



686100



00708F



973E7D

# Complementary

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



686100



000768

# 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.



6F509D



686100



006BA8

# Square

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



686100



00726A



0F60AD



A53856

# Rectangle

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



686100



056E34



0F60AD



8C4489



# Sweetspot

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



686100



87845F



680009



45432C



C4C4C4



454545



# Same Dimension

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



686100



877E00



3D6800



33332E



736B00



F2E200



# Inverse Universe

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



000768



000987



2B0068



2E2E33



000873



0010F2



# Previews

## White Background



This preview shows how the Hex color 686100 looks on a white background.

## Color Contrast Check

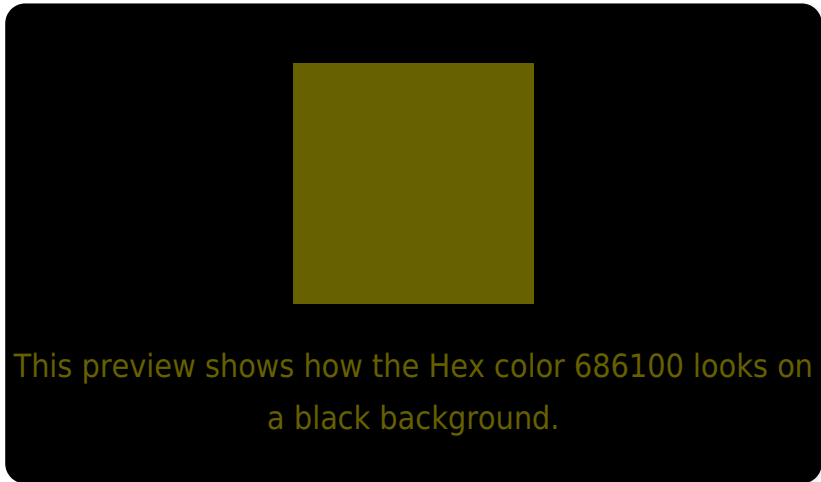
Large Text (above 18pt) WCAG AA ✓ Pass

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

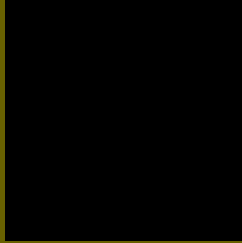
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 686100 Background



This preview shows how black text looks on a background with the Hex color 686100.



This preview shows how white text looks on a background with the Hex color 686100.

# 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**  
686100

**Protanopia**  
6C6000

**Deuteranopia**  
795A0D



**Tritanopia**  
6E5A61

# Trichromacy



**Original Color**  
686100

**Protanomaly**  
6B6000

**Deuteranomaly**  
735D08

**Tritanomaly**  
6C5D3E

# Monochromacy



**Original Color**  
686100

**Achromatopsia**  
585858

**Achromatomaly**  
5E5B38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686100 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 #686100 looks like.

```
.text, #text, p{  
    color:#686100  
}
```

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 #686100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686100
}
```

## Border

The CSS property to change the border of an element to Hex 686100 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
#686100 }
```

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

```
.border{ border-color:#686100 }
```

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

Here you see how a box with a 4 pixel #686100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686100; -webkit-box-shadow:4px 4px  
4px 4px #686100; box-shadow:4px 4px 4px  
4px #686100 }
```

# Background

The CSS property to change the background color of an element to Hex 686100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686100 }
```

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

```
.background{ background-color:#686100 }
```

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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