

# Converting Colors

Hex(686A00)

Have a look what the booklet for  
Hex(686A00) contains.

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**Color**

**Hex(686A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686A00
RGB	104, 106, 0
RGB Percent	41%, 42%, 0%
CMY	0.5922, 0.5843, 1.0000
CMYK	0.02, 0.00, 1.00, 0.58
HSL	61°, 100%, 21%
HSV	61°, 100%, 42%
XYZ	10.8630, 13.2511, 1.9852
YIQ	93.3180, 32.8340, -33.3900

# Conversions

## Conversions Part 2

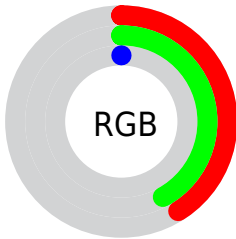
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 106, 2</a>
Decimal	<a href="#">6842880</a>
CIELab	<a href="#">43.14, -12.26, 49.32</a>
CIELCh	<a href="#">43, 50.827, 103.963</a>
Yxy	<a href="#">13.2511, 0.4162, 0.5077</a>
Android (android.graphics.Color)	<a href="#">4285032960 (0xFF686A00)</a>
YUV	<a href="#">93.3180, -46.0058, 9.3681</a>
Hunter-Lab	<a href="#">36.4021, -10.4365, 22.2481</a>

# Details

The Hex color **686A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **02006A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9E9D3C**, and **353B00** is the 20% darker color. If you saturate the color by 10%, you get **686A00**, and if you desaturate by 10%, it is **686A0B**.

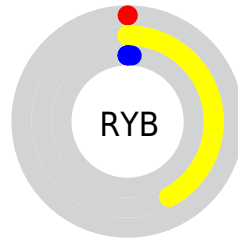
# Distribution



Red (41%)

Green (42%)

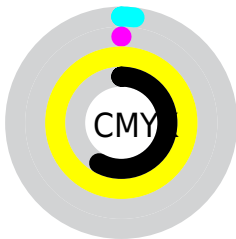
Blue (0%)



Red (0%)

Yellow (42%)

Blue (1%)

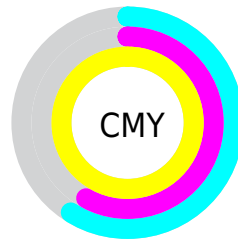


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (59%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686A00 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 686A00 by changing the saturation by 10% instead.



 686A00

 686A00

 FFFFFFFB

 4E5200

 9E9D3C

 353B00

 BAB856

 1C2600

 D7D370

 001200

 F4F08A

 000000

 FFFFA6

 FFFFC1

 FFFFDE

 686A00

 686A0B

 686A15

 696A20

 696A2A

 696A35

 696A40

 696A4A

 6A6A55

 6A6A5F

# Harmonies

## Analogous

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



8D5C09



686A00



377324

# Triad

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



686A00



0078A0



A6407E

# Complementary

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



686A00



02006A

# 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.



8152A3



686A00



0071B7

# Square

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



686A00



007A79



3164B8



B13C54

# Rectangle

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



686A00



00773F



3164B8



9D458C



# Sweetspot

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



686A00



898A60



6A0200



44452C



C4C4C4



454545



# Same Dimension

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



686A00



878A00



336A00



353630



737500



F0F500



# Inverse Universe

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



02006A



03008A



37006A



303036



020075



0500F5



# Previews

## White Background



This preview shows how the Hex color 686A00 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

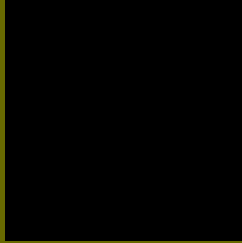
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 686A00 Background



This preview shows how black text looks on a background with the Hex color 686A00.



This preview shows how white text looks on a background with the Hex color 686A00.

# 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**  
686A00

**Protanopia**  
736600

**Deuteranopia**  
816110



**Tritanopia**  
6F636A

# Trichromacy



**Original Color**  
686A00

**Protanomaly**  
6F6700

**Deuteranomaly**  
78640A

**Tritanomaly**  
6C6643

# Monochromacy



**Original Color**  
686A00

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
61623B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686A00 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 #686A00 looks like.

```
.text, #text, p{  
    color:#686A00  
}
```

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 #686A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686A00
}
```

## Border

The CSS property to change the border of an element to Hex 686A00 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
#686A00 }
```

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

```
.border{ border-color:#686A00 }
```

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

Here you see how a box with a 4 pixel #686A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686A00; -webkit-box-shadow:4px 4px  
4px 4px #686A00; box-shadow:4px 4px 4px  
4px #686A00 }
```

# Background

The CSS property to change the background color of an element to Hex 686A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686A00 }
```

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

```
.background{ background-color:#686A00 }
```

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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