

# Converting Colors

Hex(606B00)

Have a look what the booklet for  
Hex(606B00) contains.

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**Color**

**Hex(606B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606B00
RGB	96, 107, 0
RGB Percent	38%, 42%, 0%
CMY	0.6235, 0.5804, 1.0000
CMYK	0.10, 0.00, 1.00, 0.58
HSL	66°, 100%, 21%
HSV	66°, 100%, 42%
XYZ	10.0816, 13.0022, 1.9783
YIQ	91.5130, 27.7910, -35.6090

# Conversions

## Conversions Part 2

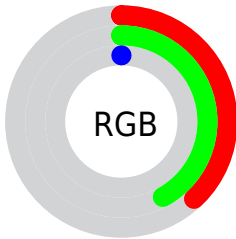
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 11
Decimal	6318848
CIELab	42.77, -16.62, 48.74
CIELCh	43, 51.499, 108.829
Yxy	13.0022, 0.4023, 0.5188
Android (android.graphics.Color)	4284508928 (0xFF606B00)
YUV	91.5130, -45.1159, 3.9351
Hunter-Lab	36.0585, -13.1959, 21.9881

# Details

The Hex color **606B00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B006B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **969E3C**, and **2D3C00** is the 20% darker color. If you saturate the color by 10%, you get **606B00**, and if you desaturate by 10%, it is **616B0B**.

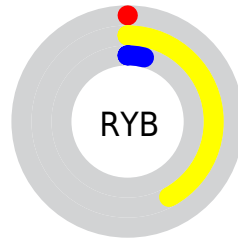
# Distribution



Red (38%)

Green (42%)

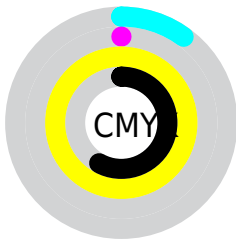
Blue (0%)



Red (0%)

Yellow (42%)

Blue (4%)

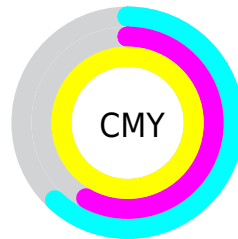


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (62%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 606B00 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 606B00 by changing the saturation by 10% instead.



 606B00

 606B00

 FFFFFB

 465300

 969E3C

 2D3C00

 B1B956

 142600

 CED570

 001100

 EBF18A


 000000

 FFFFA6

 FFFFC1

 FFFFDE

 606B00

 616B0B

 626B15

 636B20

 646B2B

 666B36

 676B40

 686B4B

 696B56

 6A6B60

# Harmonies

## Analogous

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



875D00



606B00



297329

# Triad

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



606B00



0076A4



A93C77

# Complementary

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



606B00



0B006B

# 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.



884D9E



606B00



006FB9

# Square

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



606B00



00797F



4360B6



B13B4C

# Rectangle

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



606B00



007744



4360B6



A14185



# Sweetspot

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



606B00



888C62



6B0B00



45472E



C7C7C7



474747



# Same Dimension

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



606B00



7E8C00



2B6B00



353630



697500



DCF500



# Inverse Universe

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



0B006B



0E008C



40006B



313036



0C0075



1900F5



# Previews

## White Background



This preview shows how the Hex color 606B00 looks on a white background.

## Color Contrast Check

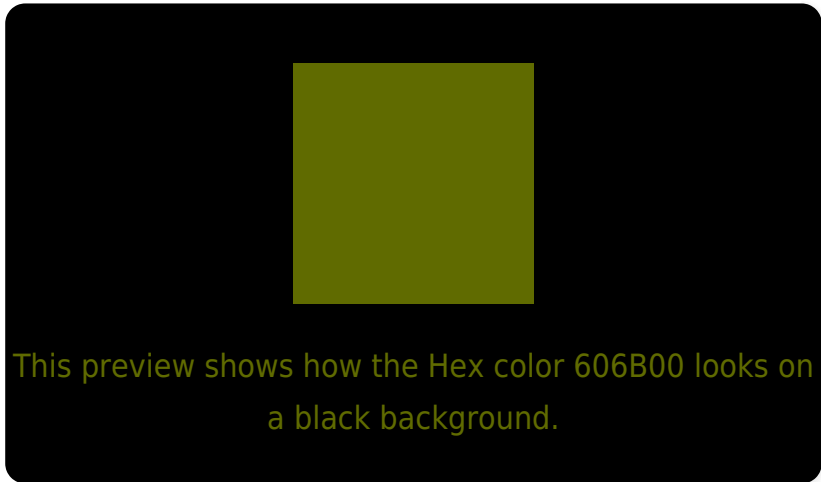
Large Text (above 18pt) WCAG AA ✓ Pass

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 606B00 Background



This preview shows how black text looks on a background with the Hex color 606B00.



This preview shows how white text looks on a background with the Hex color 606B00.

# 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**  
606B00

**Protanopia**  
726500

**Deuteranopia**  
7F6012



**Tritanopia**  
68636B

# Trichromacy



**Original Color**  
606B00

**Protanomaly**  
6B6700

**Deuteranomaly**  
74640B

**Tritanomaly**  
656644

# Monochromacy



**Original Color**  
606B00

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5D613B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 606B00 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 #606B00 looks like.

```
.text, #text, p{  
    color:#606B00  
}
```

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 #606B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606B00
}
```

## Border

The CSS property to change the border of an element to Hex 606B00 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
#606B00 }
```

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

```
.border{ border-color:#606B00 }
```

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

Here you see how a box with a 4 pixel #606B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606B00; -webkit-box-shadow:4px 4px  
4px 4px #606B00; box-shadow:4px 4px 4px  
4px #606B00 }
```

# Background

The CSS property to change the background color of an element to Hex 606B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606B00 }
```

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

```
.background{ background-color:#606B00 }
```

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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