

# Converting Colors

Hex(6A6F00)

Have a look what the booklet for  
Hex(6A6F00) contains.

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**Color**

**Hex(6A6F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A6F00
RGB	106, 111, 0
RGB Percent	42%, 44%, 0%
CMY	0.5843, 0.5647, 1.0000
CMYK	0.05, 0.00, 1.00, 0.56
HSL	63°, 100%, 22%
HSV	63°, 100%, 44%
XYZ	11.6283, 14.4331, 2.1730
YIQ	96.8510, 32.6510, -35.5810

# Conversions

## Conversions Part 2

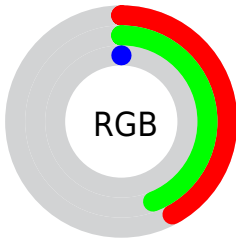
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 5
Decimal	6975232
CIELab	44.85, -14.06, 50.66
CIELCh	45, 52.575, 105.510
Yxy	14.4331, 0.4118, 0.5112
Android (android.graphics.Color)	4285165312 (0xFF6A6F00)
YUV	96.8510, -47.7475, 8.0237
Hunter-Lab	37.9909, -11.8484, 23.2024

# Details

The Hex color **6A6F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **05006F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A0A23D**, and **374000** is the 20% darker color. If you saturate the color by 10%, you get **6A6F00**, and if you desaturate by 10%, it is **6B6F0B**.

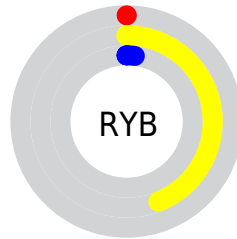
# Distribution



Red (42%)

Green (44%)

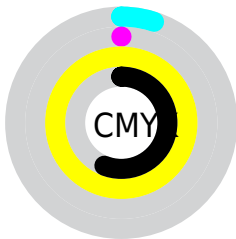
Blue (0%)



Red (0%)

Yellow (44%)

Blue (2%)

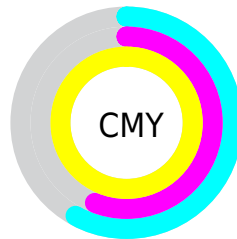


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6F00 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 6A6F00 by changing the saturation by 10% instead.



 6A6F00

 6A6F00

FFFFFFD

 505700

 A0A23D

 374000

 BDBD57

 1D2A00

 D9D971

 001700

 F7F68C

 000000

 FFFFA7

 FFFFC3

 FFFFEO

 6A6F00

 6B6F0B

 6B6F16

 6C6F21

 6C6F2C

 6D6F38

 6D6F43

 6E6F4E

 6E6F59

 6F6F64

# Harmonies

## Analogous

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



916007



6A6F00



367827

# Triad

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



6A6F00



007CA8



AE4281

# Complementary

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



6A6F00



05006F

# 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.



8954A8



6A6F00



0075BF

# Square

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



6A6F00



007F80



3A67BF



B93F55

# Rectangle

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



6A6F00



007C44



3A67BF



A5478F



# Sweetspot

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



6A6F00



8F9166



6F0400



494A2F



C9C9C9



4A4A4A



# Same Dimension

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



6A6F00



8B9100



346F00



383832



727800



ECF700



# Inverse Universe

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



05006F



070091



3B006F



333238



050078



0B00F7



# Previews

## White Background



This preview shows how the Hex color 6A6F00 looks on a white background.

## Color Contrast Check

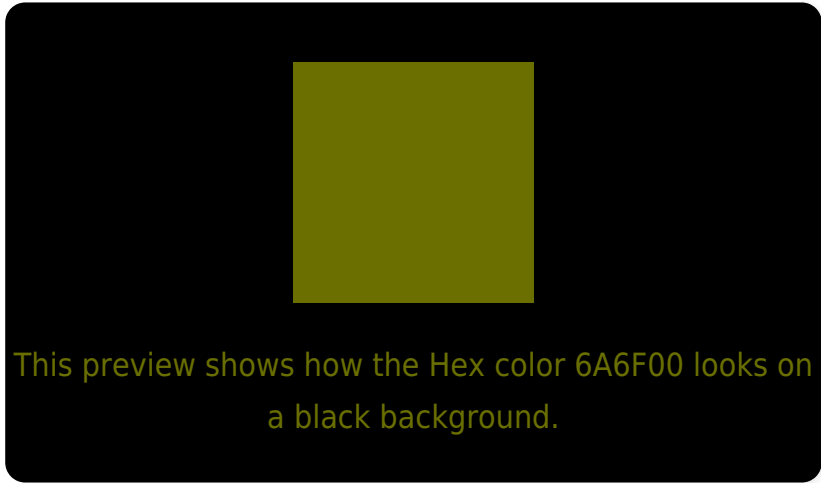
Large Text (above 18pt) WCAG AA ✓ Pass

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

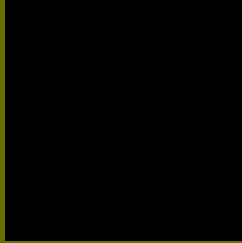
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6F00 Background



This preview shows how black text looks on a background with the Hex color 6A6F00.



This preview shows how white text looks on a background with the Hex color 6A6F00.

# 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**  
6A6F00

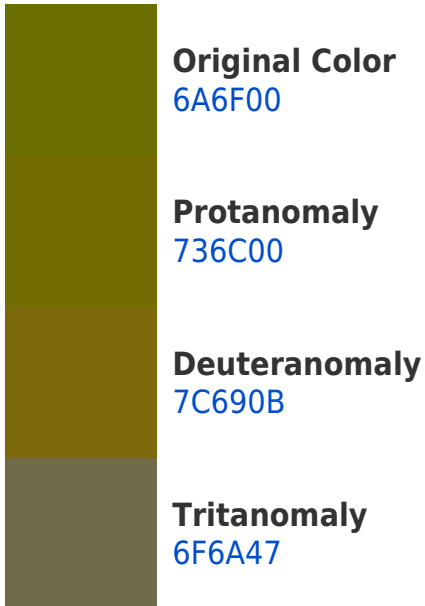
**Protanopia**  
786A00

**Deuteranopia**  
866512



**Tritanopia**  
72676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6F00 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 #6A6F00 looks like.

```
.text, #text, p{  
    color:#6A6F00  
}
```

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 #6A6F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6F00
}
```

## Border

The CSS property to change the border of an element to Hex 6A6F00 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
#6A6F00 }
```

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

```
.border{ border-color:#6A6F00 }
```

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

Here you see how a box with a 4 pixel #6A6F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6F00; -webkit-box-shadow:4px 4px  
4px 4px #6A6F00; box-shadow:4px 4px 4px  
4px #6A6F00 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6F00 }
```

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

```
.background{ background-color:#6A6F00 }
```

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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