

# Converting Colors

Hex(6E6302)

Have a look what the booklet for  
Hex(6E6302) contains.

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**Color**

**Hex(6E6302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E6302
RGB	110, 99, 2
RGB Percent	43%, 39%, 1%
CMY	0.5686, 0.6118, 0.9922
CMYK	0.00, 0.10, 0.98, 0.57
HSL	54°, 96%, 22%
HSV	54°, 98%, 43%
XYZ	10.9032, 12.2431, 1.8459
YIQ	91.2310, 37.6930, -27.8350

# Conversions

## Conversions Part 2

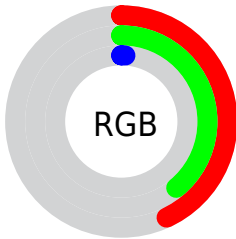
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 110, 2
Decimal	7234306
CIE Lab	41.60, -5.33, 47.93
CIE LCh	42, 48.227, 96.345
Yxy	12.2431, 0.4363, 0.4899
Android (android.graphics.Color)	4285424386 (0xFF6E6302)
YUV	91.2310, -43.9909, 16.4604
Hunter-Lab	34.9901, -5.6105, 21.3652

# Details

The Hex color **6E6302** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **020D6E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A5953C**, and **3A3500** is the 20% darker color. If you saturate the color by 10%, you get **6E6300**, and if you desaturate by 10%, it is **6E640D**.

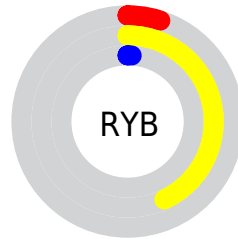
# Distribution



Red (43%)

Green (39%)

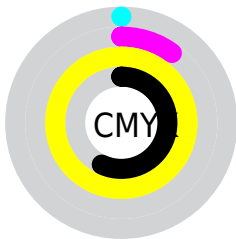
Blue (1%)



Red (5%)

Yellow (43%)

Blue (1%)

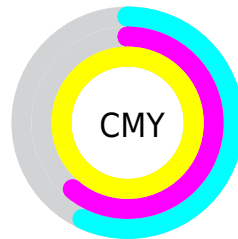


Cyan (0%)

Magenta (10%)

Yellow (98%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E6302 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 6E6302 by changing the saturation by 10% instead.



 6E6302

 6E6302

 FFFFFA

 544B00

 A5953C

 3A3500

 C1B055

 212000

 DECB6F

 000A00

 FCE78A

 000000

 FFFFA5

 FFFFC0

 FFFFDD

 6E6302

 6E6302

■ 6E6300

■ 6E640D

■ 6E6518

■ 6E6623

■ 6E672E

■ 6E6939

■ 6E6A44

■ 6E6B4F

■ 6E6C5A

■ 6E6D65

# Harmonies

## Analogous

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



8F5415



6E6302



446D1C

# Triad

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



6E6302



007490



984283

# Complementary

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



6E6302



020D6E

# 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.



6E54A2



6E6302



006FAB

# Square

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



6E6302



00756A



0064B1



A93A5B

# Rectangle

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



6E6302



167134



0064B1



8D488F



# Sweetspot

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



6E6302



8F8B65



6E020F



47452E



C7C7C7



474747



# Same Dimension

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



6E6302



8F8000



456E02



383832



786C00



F7DE00



# Inverse Universe

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



020D6E



000F8F



2B026E



323338



000C78

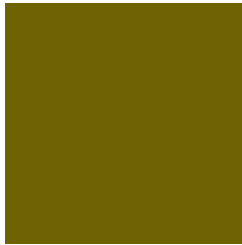


0019F7



# Previews

## White Background



This preview shows how the Hex color 6E6302 looks on a white background.

## Color Contrast Check

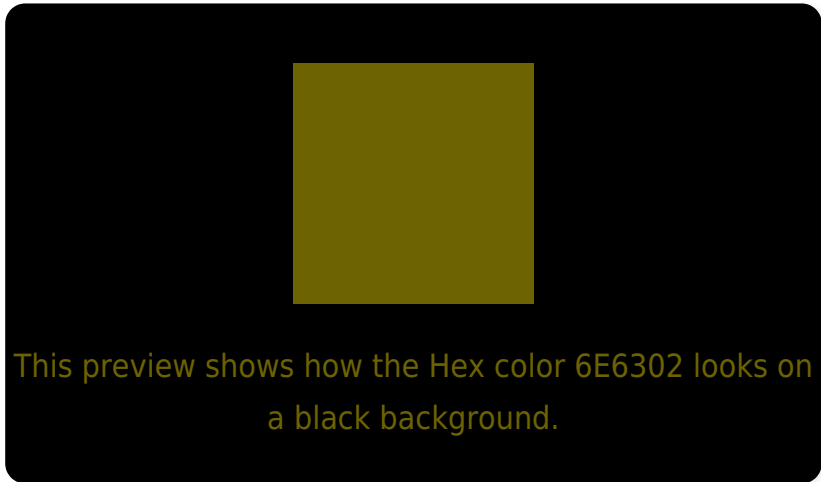
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E6302 Background



This preview shows how black text looks on a background with the Hex color 6E6302.



This preview shows how white text looks on a background with the Hex color 6E6302.

# 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**  
6E6302

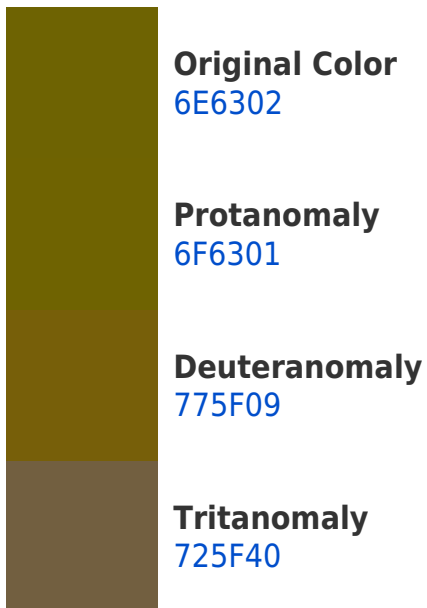
**Protanopia**  
6F6300

**Deuteranopia**  
7C5D0D

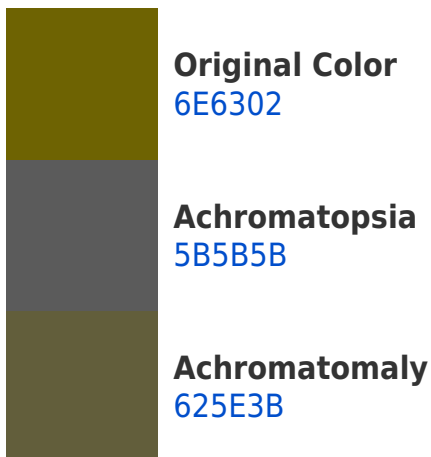


**Tritanopia**  
745C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E6302 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 #6E6302 looks like.

```
.text, #text, p{  
    color:#6E6302  
}
```

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 #6E6302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6302
}
```

## Border

The CSS property to change the border of an element to Hex 6E6302 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
#6E6302 }
```

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

```
.border{ border-color:#6E6302 }
```

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

Here you see how a box with a 4 pixel #6E6302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6302; -webkit-box-shadow:4px 4px  
4px 4px #6E6302; box-shadow:4px 4px 4px  
4px #6E6302 }
```

# Background

The CSS property to change the background color of an element to Hex 6E6302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6302 }
```

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

```
.background{ background-color:#6E6302 }
```

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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