

# Converting Colors

Hex(6A6400)

Have a look what the booklet for  
Hex(6A6400) contains.

<b>Hex(6A6400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6A6400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6400
RGB	106, 100, 0
RGB Percent	42%, 39%, 0%
CMY	0.5843, 0.6078, 1.0000
CMYK	0.00, 0.06, 1.00, 0.58
HSL	57°, 100%, 21%
HSV	57°, 100%, 42%
XYZ	10.5010, 12.1785, 1.7972
YIQ	90.3940, 35.6760, -29.8280

# Conversions

## Conversions Part 2

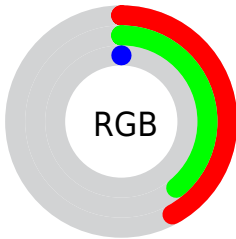
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 106, 0
Decimal	6972416
CIELab	41.50, -7.92, 48.21
CIELCh	41, 48.858, 99.326
Yxy	12.1785, 0.4290, 0.4976
Android (android.graphics.Color)	4285162496 (0xFF6A6400)
YUV	90.3940, -44.5642, 13.6865
Hunter-Lab	34.8977, -7.3588, 21.3750

# Details

The Hex color **6A6400** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00066A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A1973B**, and **373600** is the 20% darker color. If you saturate the color by 10%, you get **6A6400**, and if you desaturate by 10%, it is **6A650B**.

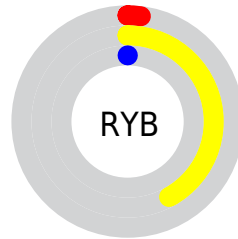
# Distribution



Red (42%)

Green (39%)

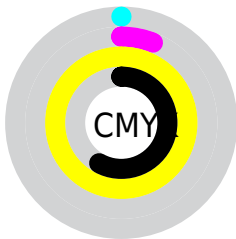
Blue (0%)



Red (2%)

Yellow (42%)

Blue (0%)

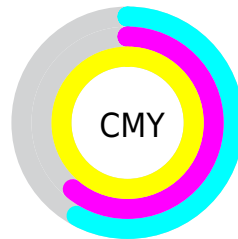


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6400 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 6A6400 by changing the saturation by 10% instead.



 6A6400

 6A6400

 FFFFF9

 504C00

 A1973B

 373600

 BDB154

 1E2100

 DAC6E

 000A00

 F7E989

 000000

 FFFFA4

 FFFFBF

 FFFFDC

 6A6400

 6A650B

 6A6515

 6A6620

 6A662A

 6A6735

 6A6840

 6A684A

 6A6955

 6A695F

# Harmonies

## Analogous

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



8C5610



6A6400



3E6E1E

# Triad

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



6A6400



007394



9B407F

# Complementary

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



6A6400



00066A

# 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.



7351A0



6A6400



006EAD

# Square

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



6A6400



00756E



1662B2



AA3957

# Rectangle

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



6A6400



007137



1662B2



91458B



# Sweetspot

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



6A6400



8A8760



6A0007



45432C



C4C4C4



454545



# Same Dimension

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



6A6400



8A8200



3C6A00



363530



756F00



F5E700



# Inverse Universe

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



00066A



00088A



2E006A



303036



000775



000EF5



# Previews

## White Background



This preview shows how the Hex color 6A6400 looks on a white background.

## Color Contrast Check

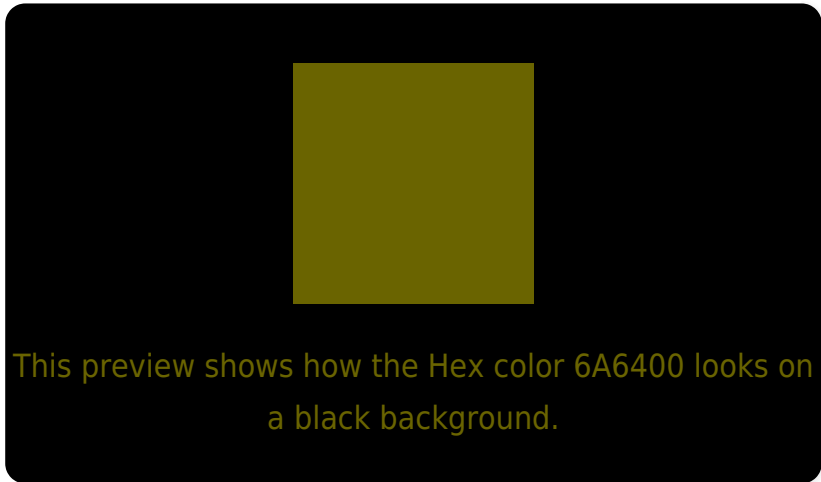
Large Text (above 18pt) WCAG AA ✓ Pass

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

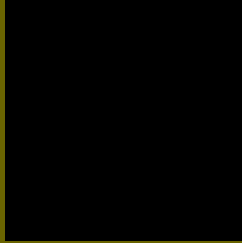
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6400 Background



This preview shows how black text looks on a background with the Hex color 6A6400.



This preview shows how white text looks on a background with the Hex color 6A6400.

# 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**  
6A6400

**Protanopia**  
6F6200

**Deuteranopia**  
7C5D0E



**Tritanopia**  
705D64

# Trichromacy



**Original Color**  
6A6400

**Protanomaly**  
6D6300

**Deuteranomaly**  
756009

**Tritanomaly**  
6E6040

# Monochromacy



**Original Color**  
6A6400

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
605E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6400 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 #6A6400 looks like.

```
.text, #text, p{  
    color:#6A6400  
}
```

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 #6A6400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6400
}
```

## Border

The CSS property to change the border of an element to Hex 6A6400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

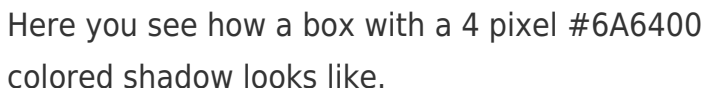
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6400 }
```

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

```
.border{ border-color:#6A6400 }
```

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

A rectangular box with a 4px #6A6400 colored shadow. The box is white with a thin black border and a thick #6A6400 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #6A6400 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6400; -webkit-box-shadow:4px 4px  
4px 4px #6A6400; box-shadow:4px 4px 4px  
4px #6A6400 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6400 }
```

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

```
.background{ background-color:#6A6400 }
```

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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