

# Converting Colors

Hex(6A4000)

Have a look what the booklet for  
Hex(6A4000) contains.

<b>Hex(6A4000)</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(6A4000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A4000
RGB	106, 64, 0
RGB Percent	42%, 25%, 0%
CMY	0.5843, 0.7490, 1.0000
CMYK	0.00, 0.40, 1.00, 0.58
HSL	36°, 100%, 21%
HSV	36°, 100%, 42%
XYZ	7.7773, 6.7310, 0.8893
YIQ	69.2620, 45.5760, -11.0000

# Conversions

## Conversions Part 2

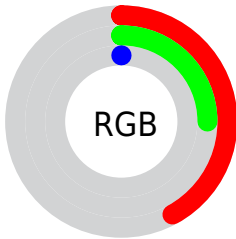
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 106, 0
Decimal	6963200
CIE Lab	31.19, 13.68, 41.05
CIE LCh	31, 43.269, 71.569
Yxy	6.7310, 0.5051, 0.4371
Android (android.graphics.Color)	4285153280 (0xFF6A4000)
YUV	69.2620, -34.1462, 32.2192
Hunter-Lab	25.9441, 8.1067, 16.1286

# Details

The Hex color **6A4000** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002A6A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A27032**, and **351500** is the 20% darker color. If you saturate the color by 10%, you get **6A4000**, and if you desaturate by 10%, it is **6A440B**.

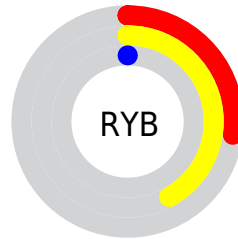
# Distribution



Red (42%)

Green (25%)

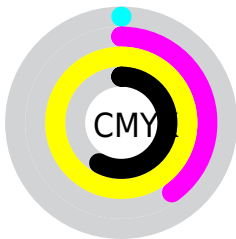
Blue (0%)



Red (27%)

Yellow (42%)

Blue (0%)

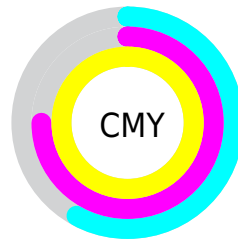


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A4000 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 6A4000 by changing the saturation by 10% instead.



 6A4000

 6A4000

 FFFFEB

 4F2A00

 A27032

 351500

 BF894B

 1E0000

 DCA364

 000000

 FABF7D

 FFDA98

 FFF7B3

 FFFFCE

 6A4000

 6A440B

 6A4815

 6A4D20

 6A512A

 6A5535

 6A5940

 6A5D4A

 6A6255

 6A665F

# Harmonies

## Analogous

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



7E311E



6A4000



4D4C00

# Triad

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



6A4000



005956



5B3A7C

# Complementary

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



6A4000



002A6A

# 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.



0A498C



6A4000



005876

# Square

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



6A4000



005833



00538A



7B2A60

# Rectangle

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



6A4000



355105



00538A



4A4084



# Sweetspot

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



6A4000



8A7960



6A002A



453B2C



C4C4C4



454545



# Same Dimension

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



6A4000



8A5300



5F6A00



363330



754700



F59400



# Inverse Universe

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



002A6A



00378A



0B006A



303236



002E75

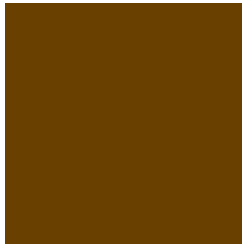


0061F5



# Previews

## White Background



This preview shows how the Hex color 6A4000 looks on a white background.

## Color Contrast Check

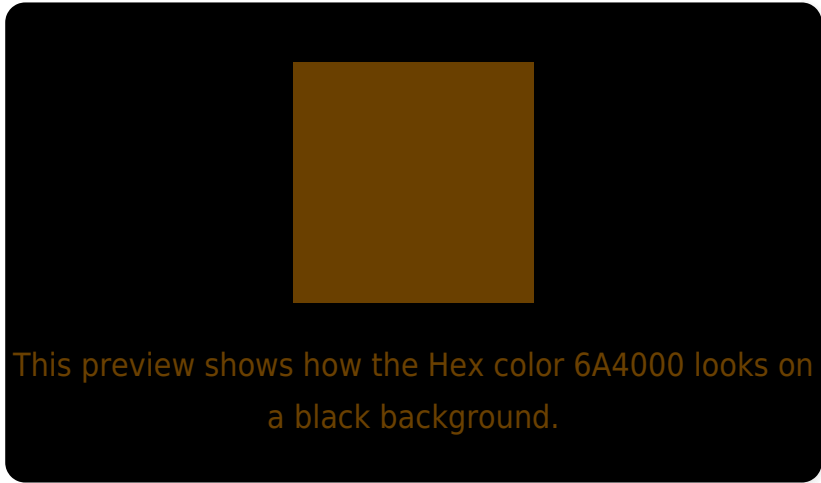
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

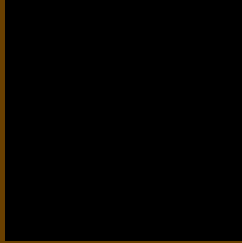
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A4000 Background



This preview shows how black text looks on a background with the Hex color 6A4000.



This preview shows how white text looks on a background with the Hex color 6A4000.

# 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**  
6A4000

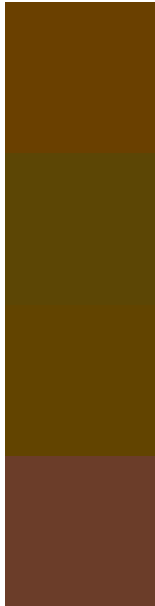
**Protanopia**  
544A08

**Deuteranopia**  
5E4600



**Tritanopia**  
6C3B40

# Trichromacy



**Original Color**  
6A4000

**Protanomaly**  
5C4605

**Deuteranomaly**  
624400

**Tritanomaly**  
6B3D29

# Monochromacy



**Original Color**  
6A4000

**Achromatopsia**  
454545

**Achromatomaly**  
52432C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A4000 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 #6A4000 looks like.

```
.text, #text, p{  
    color:#6A4000  
}
```

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 #6A4000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4000
}
```

## Border

The CSS property to change the border of an element to Hex 6A4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

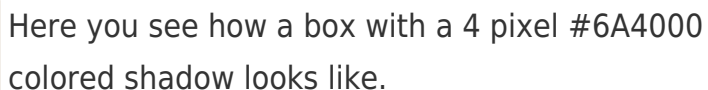
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4000 }
```

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

```
.border{ border-color:#6A4000 }
```

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



Here you see how a box with a 4 pixel #6A4000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4000; -webkit-box-shadow:4px 4px  
4px 4px #6A4000; box-shadow:4px 4px 4px  
4px #6A4000 }
```

# Background

The CSS property to change the background color of an element to Hex 6A4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4000 }
```

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

```
.background{ background-color:#6A4000 }
```

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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