

# Converting Colors

Hex(6B5100)

Have a look what the booklet for  
Hex(6B5100) contains.

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**Color**

**Hex(6B5100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5100
RGB	107, 81, 0
RGB Percent	42%, 32%, 0%
CMY	0.5804, 0.6824, 1.0000
CMYK	0.00, 0.24, 1.00, 0.58
HSL	45°, 100%, 21%
HSV	45°, 100%, 42%
XYZ	9.0058, 9.0107, 1.2646
YIQ	79.5400, 41.4970, -19.6790

# Conversions

## Conversions Part 2

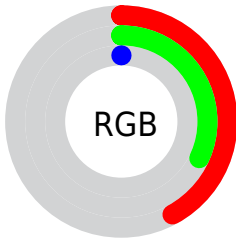
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 107, 0
Decimal	7033088
CIE Lab	36.00, 3.79, 44.37
CIE LCh	36, 44.532, 85.121
Yxy	9.0107, 0.4671, 0.4673
Android (android.graphics.Color)	4285223168 (0xFF6B5100)
YUV	79.5400, -39.2132, 24.0824
Hunter-Lab	30.0178, 1.0219, 18.5147

# Details

The Hex color **6B5100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001A6B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A28236**, and **372500** is the 20% darker color. If you saturate the color by 10%, you get **6B5100**, and if you desaturate by 10%, it is **6B540B**.

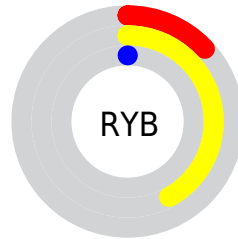
# Distribution



Red (42%)

Green (32%)

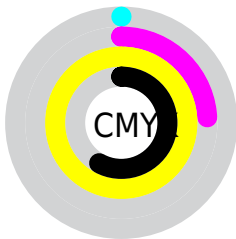
Blue (0%)



Red (13%)

Yellow (42%)

Blue (0%)

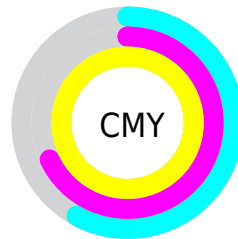


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5100 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 6B5100 by changing the saturation by 10% instead.



 6B5100

 6B5100

 FFFFF1

 513A00

 A28236

 372500

 BF9C4F

 1E1100

 DCB769

 000000

 F9D283

 FFEE9D

 FFFFB9

 FFFF5D

 6B5100

 6B540B

 6B5615

 6B5920

 6B5B2B

 6B5E36

 6B6140

 6B634B

 6B6656

 6B6860

# Harmonies

## Analogous

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



854219



6B5100



495C08

# Triad

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



6B5100



006572



7A3D7E

# Complementary

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



6B5100



001A6B

# 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.



494E96



6B5100



00628F

# Square

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



6B5100



00654D



005B9C



91315C

# Rectangle

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



6B5100



2B601E



005B9C



6D4387



# Sweetspot

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



6B5100



8C8262



6B001B



47412E



C7C7C7



474747



# Same Dimension

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



6B5100



8C6A00



506B00



363430



755900



F5B900



# Inverse Universe

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



001A6B



00228C



1B006B



303136



001D75



003BF5



# Previews

## White Background



This preview shows how the Hex color 6B5100 looks on a white background.

## Color Contrast Check

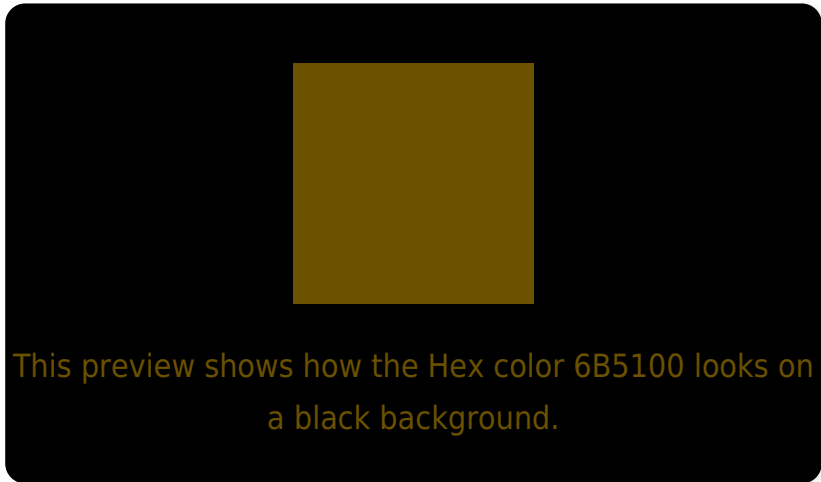
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5100 Background



This preview shows how black text looks on a background with the Hex color 6B5100.



This preview shows how white text looks on a background with the Hex color 6B5100.

# 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**  
6B5100

**Protanopia**  
605506

**Deuteranopia**  
6C5103



**Tritanopia**  
6F4B51

# Trichromacy



**Original Color**  
6B5100

**Protanomaly**  
645404

**Deuteranomaly**  
6C5102

**Tritanomaly**  
6E4D34

# Monochromacy



**Original Color**  
6B5100

**Achromatopsia**  
505050

**Achromatomaly**  
5A5033

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5100 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 #6B5100 looks like.

```
.text, #text, p{  
    color:#6B5100  
}
```

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 #6B5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5100
}
```

## Border

The CSS property to change the border of an element to Hex 6B5100 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
#6B5100 }
```

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

```
.border{ border-color:#6B5100 }
```

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

Here you see how a box with a 4 pixel #6B5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5100; -webkit-box-shadow:4px 4px  
4px 4px #6B5100; box-shadow:4px 4px 4px  
4px #6B5100 }
```

# Background

The CSS property to change the background color of an element to Hex 6B5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5100 }
```

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

```
.background{ background-color:#6B5100 }
```

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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