

# Converting Colors

Hex(6B2D00)

Have a look what the booklet for  
Hex(6B2D00) contains.

<b>Hex(6B2D00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6B2D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B2D00
RGB	107, 45, 0
RGB Percent	42%, 18%, 0%
CMY	0.5804, 0.8235, 1.0000
CMYK	0.00, 0.58, 1.00, 0.58
HSL	25°, 100%, 21%
HSV	25°, 100%, 42%
XYZ	7.0018, 5.0026, 0.5966
YIQ	58.4080, 51.3970, -0.8510

# Conversions

## Conversions Part 2

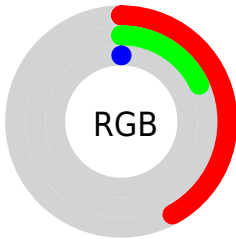
Format	Color
<a href="#">RYB</a>	<a href="#">107, 78, 0</a>
Decimal	<a href="#">7023872</a>
CIE Lab	<a href="#">26.74, 25.37, 37.57</a>
CIE LCh	<a href="#">27, 45.336, 55.975</a>
Yxy	<a href="#">5.0026, 0.5557, 0.3970</a>
Android (android.graphics.Color)	<a href="#">4285213952</a> ( <a href="#">0xFF6B2D00</a> )
YUV	<a href="#">58.4080, -28.7951, 42.6152</a>
Hunter-Lab	<a href="#">22.3664, 16.7380, 14.0751</a>

# Details

The Hex color **6B2D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003E6B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A45C30**, and **340100** is the 20% darker color. If you saturate the color by 10%, you get **6B2D00**, and if you desaturate by 10%, it is **6B330B**.

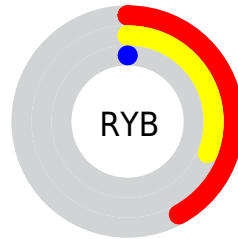
# Distribution



Red (42%)

Green (18%)

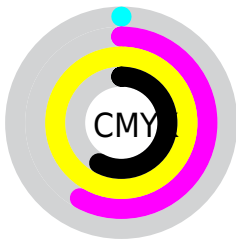
Blue (0%)



Red (42%)

Yellow (31%)

Blue (0%)

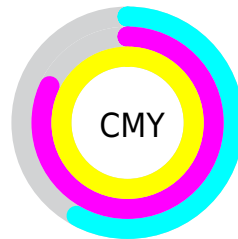


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B2D00 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 6B2D00 by changing the saturation by 10% instead.



 6B2D00

 6B2D00

 FFFFE6

 4F1600

 A45C30

 340100

 C17647

 180001

 DF8F60

 000000

 FDAA79

 FFC693

 FFE2AE

 FFFFCA

 6B2D00

 6B330B

 6B3915

 6B4020

 6B462B

 6B4C36

 6B5240

 6B584B

 6B5F56

 6B6560

# Harmonies

## Analogous

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



7A1B23



6B2D00



523C00

# Triad

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



6B2D00



004E39



31387E

# Complementary

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



6B2D00



003E6B

# 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.



004585



6B2D00



004E5D

# Square

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



6B2D00



004B15



004C79



632567

# Rectangle

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



6B2D00



3D4300



004C79



043D82



# Sweetspot

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



6B2D00



8C7462



6B003E



47392E



C7C7C7



474747



# Same Dimension

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



6B2D00



8C3B00



6B6200



363230



753100



F56700



# Inverse Universe

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



003E6B



00518C



00096B



303336



004475

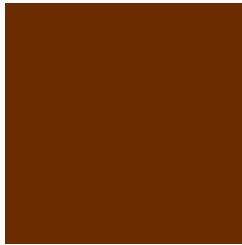


008EF5



# Previews

## White Background



This preview shows how the Hex color 6B2D00 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 6B2D00 Background



This preview shows how black text looks on a background with the Hex color 6B2D00.



This preview shows how white text looks on a background with the Hex color 6B2D00.

# 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



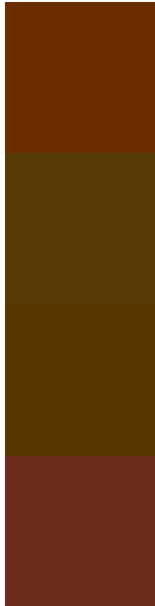
**Original Color**  
6B2D00

**Protanopia**  
49410A

**Deuteranopia**  
513D00



# Trichromacy



**Original Color**  
6B2D00

**Protanomaly**  
553A06

**Deuteranomaly**  
5A3700

**Tritanomaly**  
6C2B1C

# Monochromacy



**Original Color**  
6B2D00

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
4C3525

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B2D00 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 #6B2D00 looks like.

```
.text, #text, p{  
    color:#6B2D00  
}
```

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 #6B2D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2D00
}
```

## Border

The CSS property to change the border of an element to Hex 6B2D00 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
#6B2D00 }
```

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

```
.border{ border-color:#6B2D00 }
```

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

Here you see how a box with a 4 pixel #6B2D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2D00; -webkit-box-shadow:4px 4px  
4px 4px #6B2D00; box-shadow:4px 4px 4px  
4px #6B2D00 }
```

# Background

The CSS property to change the background color of an element to Hex 6B2D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2D00 }
```

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

```
.background{ background-color:#6B2D00 }
```

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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