

# Converting Colors

Hex(6B2904)

Have a look what the booklet for  
Hex(6B2904) contains.

<b>Hex(6B2904)</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(6B2904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B2904
RGB	107, 41, 4
RGB Percent	42%, 16%, 2%
CMY	0.5804, 0.8392, 0.9843
CMYK	0.00, 0.62, 0.96, 0.58
HSL	22°, 93%, 22%
HSV	22°, 96%, 42%
XYZ	6.8783, 4.7204, 0.6635
YIQ	56.5160, 51.2130, 2.4850

# Conversions

## Conversions Part 2

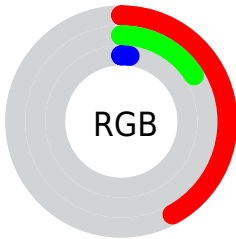
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 62, 4
Decimal	7022852
CIELab	25.92, 27.66, 35.20
CIELCh	26, 44.770, 51.845
Yxy	4.7204, 0.5609, 0.3850
Android (android.graphics.Color)	4285212932 (0xFF6B2904)
YUV	56.5160, -25.8904, 44.2745
Hunter-Lab	21.7266, 18.4885, 13.3980

# Details

The Hex color **6B2904** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **04466B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A45933**, and **340000** is the 20% darker color. If you saturate the color by 10%, you get **6B2600**, and if you desaturate by 10%, it is **6B300F**.

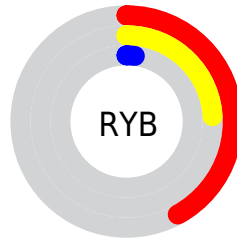
# Distribution



Red (42%)

Green (16%)

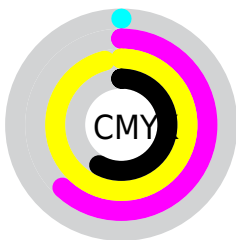
Blue (2%)



Red (42%)

Yellow (24%)

Blue (2%)

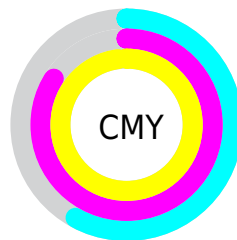


Cyan (0%)

Magenta (62%)

Yellow (96%)

Black (58%)



Cyan (58%)

Magenta (84%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B2904 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 6B2904 by changing the saturation by 10% instead.



 6B2904

 6B2904

 FFFFE9

 4F1200

 A45933

 340000

 C1724A

 160000

 DF8C62

 000000

 FDA67C

 FFC296

 FFDEB1

 FFFBCC

 6B2904

 6B2904

■ 6B2600

■ 6B300F

■ 6B3719

■ 6B3E24

■ 6B442F

■ 6B4B3A

■ 6B5244

■ 6B594F

■ 6B605A

■ 6B6764

# Harmonies

## Analogous

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



781726



6B2904



543900

# Triad

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



6B2904



004C33



23397D

# Complementary

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



6B2904



04466B

# 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.



004481



6B2904



004C56

# Square

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



6B2904



00490E



004A73



5C2768

# Rectangle

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



6B2904



404000



004A73



003D81



# Sweetspot

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



6B2904



8C7264



6B0447



47372E



C7C7C7



474747



# Same Dimension

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



6B2904



8C3200



6B5C04



363230



752A00



F55800



# Inverse Universe

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



04466B



005A8C



04136B



303436



004B75

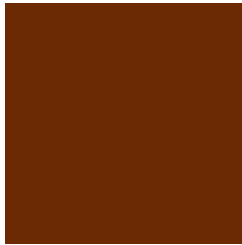


009DF5



# Previews

## White Background



This preview shows how the Hex color 6B2904 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

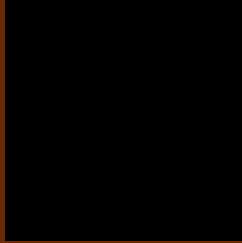
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B2904 Background



This preview shows how black text looks on a background with the Hex color 6B2904.



This preview shows how white text looks on a background with the Hex color 6B2904.

# 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**  
6B2904

**Protanopia**  
463F0C

**Deuteranopia**  
4F3B00



**Tritanopia**  
6C2628

# Trichromacy



**Original Color**  
6B2904

**Protanomaly**  
533709

**Deuteranomaly**  
593401

**Tritanomaly**  
6C271B

# Monochromacy



**Original Color**  
6B2904

**Achromatopsia**  
393939

**Achromatomaly**  
4B3326

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B2904 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 #6B2904 looks like.

```
.text, #text, p{  
    color:#6B2904  
}
```

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 #6B2904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2904
}
```

## Border

The CSS property to change the border of an element to Hex 6B2904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

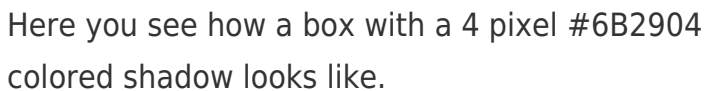
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2904 }
```

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

```
.border{ border-color:#6B2904 }
```

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



Here you see how a box with a 4 pixel #6B2904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2904; -webkit-box-shadow:4px 4px  
4px 4px #6B2904; box-shadow:4px 4px 4px  
4px #6B2904 }
```

# Background

The CSS property to change the background color of an element to Hex 6B2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2904 }
```

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

```
.background{ background-color:#6B2904 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor