

# Converting Colors

Hex(6D3106)

Have a look what the booklet for  
Hex(6D3106) contains.

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**Color**

**Hex(6D3106)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D3106
RGB	109, 49, 6
RGB Percent	43%, 19%, 2%
CMY	0.5725, 0.8078, 0.9765
CMYK	0.00, 0.55, 0.94, 0.57
HSL	25°, 90%, 23%
HSV	25°, 94%, 43%
XYZ	7.4379, 5.4610, 0.8344
YIQ	62.0380, 49.5630, -0.6530

# Conversions

## Conversions Part 2

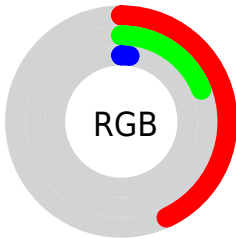
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 80, 6
Decimal	7155974
CIELab	28.01, 24.17, 36.36
CIELCh	28, 43.658, 56.387
Yxy	5.4610, 0.5416, 0.3976
Android (android.graphics.Color)	4285346054 (0xFF6D3106)
YUV	62.0380, -27.6267, 41.1857
Hunter-Lab	23.3687, 15.9181, 14.2412

# Details

The Hex color **6D3106** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **06426D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A66135**, and **370400** is the 20% darker color. If you saturate the color by 10%, you get **6D2E00**, and if you desaturate by 10%, it is **6D3711**.

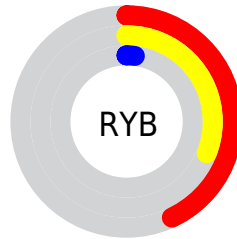
# Distribution



Red (43%)

Green (19%)

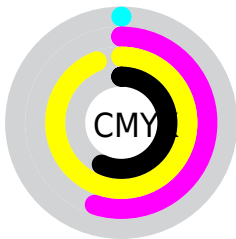
Blue (2%)



Red (43%)

Yellow (31%)

Blue (2%)

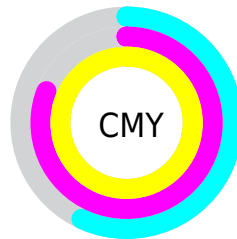


Cyan (0%)

Magenta (55%)

Yellow (94%)

Black (57%)



Cyan (57%)

Magenta (81%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3106 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 6D3106 by changing the saturation by 10% instead.



 6D3106

 6D3106

 FFFFEC

 521A00

 A66135

 370400

 C37A4D

 1D0001

 E19465

 000000

 FFAF7F

 FFCA99

 FFE6B4

 FFFFD0

 6D3106

 6D3106

■ 6D2E00

■ 6D3711

■ 6D3E1C

■ 6D4427

■ 6D4A32

■ 6D513C

■ 6D5747

■ 6D5D52

■ 6D645D

■ 6D6A68

# Harmonies

## Analogous

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



7B2127



6D3106



553F00

# Triad

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



6D3106



00513D



373B7F

# Complementary

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



6D3106



06426D

# 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.



004886



6D3106



00515F

# Square

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



6D3106



004E1A



004E7A



662A68

# Rectangle

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



6D3106



404600



004E7A



174083



# Sweetspot

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



6D3106



8F7867



6D0642



47392F



C7C7C7



474747



# Same Dimension

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



6D3106



8F3C00



6D6406



363230



753100



F56600



# Inverse Universe

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



06426D



00538F



060F6D



303336



004475

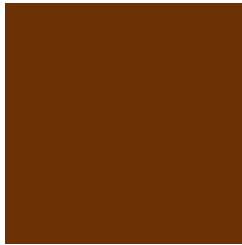


008FF5



# Previews

## White Background



This preview shows how the Hex color 6D3106 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

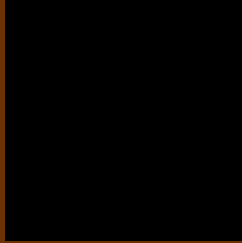
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D3106 Background



This preview shows how black text looks on a background with the Hex color 6D3106.



This preview shows how white text looks on a background with the Hex color 6D3106.

# 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**  
6D3106

**Protanopia**  
4C430C

**Deuteranopia**  
554000



**Tritanopia**  
6E2E31

# Trichromacy



**Original Color**  
6D3106

**Protanomaly**  
583C0A

**Deuteranomaly**  
5E3B02

**Tritanomaly**  
6E2F21

# Monochromacy



**Original Color**  
6D3106

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4F392A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3106 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 #6D3106 looks like.

```
.text, #text, p{  
    color:#6D3106  
}
```

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 #6D3106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3106
}
```

## Border

The CSS property to change the border of an element to Hex 6D3106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

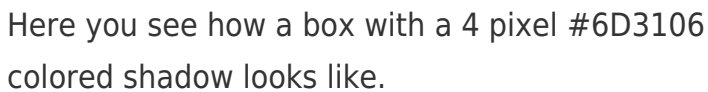
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3106 }
```

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

```
.border{ border-color:#6D3106 }
```

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



Here you see how a box with a 4 pixel #6D3106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3106; -webkit-box-shadow:4px 4px  
4px 4px #6D3106; box-shadow:4px 4px 4px  
4px #6D3106 }
```

# Background

The CSS property to change the background color of an element to Hex 6D3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3106 }
```

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

```
.background{ background-color:#6D3106 }
```

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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