

# Converting Colors

Hex(6D0D10)

Have a look what the booklet for  
Hex(6D0D10) contains.

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# Color

**Hex(6D0D10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D0D10
RGB	109, 13, 16
RGB Percent	43%, 5%, 6%
CMY	0.5725, 0.9490, 0.9373
CMYK	0.00, 0.88, 0.85, 0.57
HSL	358°, 79%, 24%
HSV	358°, 88%, 43%
XYZ	6.5441, 3.5765, 0.8356
YIQ	42.0460, 56.2530, 21.2850

# Conversions

## Conversions Part 2

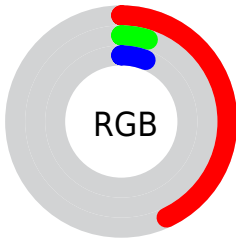
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 13, 16
Decimal	7146768
CIE Lab	22.22, 40.20, 26.36
CIE LCh	22, 48.065, 33.253
Yxy	3.5765, 0.5973, 0.3264
Android (android.graphics.Color)	4285336848 (0xFF6D0D10)
YUV	42.0460, -12.8407, 58.7187
Hunter-Lab	18.9116, 28.6726, 10.6183

# Details

The Hex color **6D0D10** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D6D6A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **A7443A**, and **360001** is the 20% darker color. If you saturate the color by 10%, you get **6D0205**, and if you desaturate by 10%, it is **6D181B**.

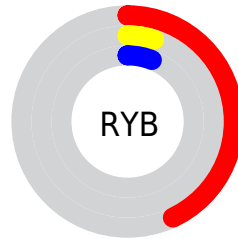
# Distribution



Red (43%)

Green (5%)

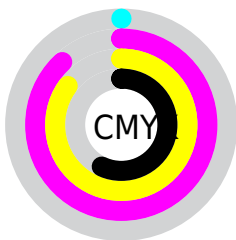
Blue (6%)



Red (43%)

Yellow (5%)

Blue (6%)

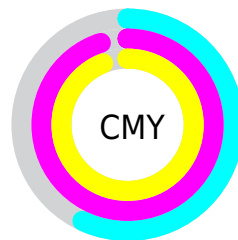


Cyan (0%)

Magenta (88%)

Yellow (85%)

Black (57%)



Cyan (57%)

Magenta (95%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D0D10 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 6D0D10 by changing the saturation by 10% instead.



 6D0D10

 6D0D10

 FFFFF0

 510000

 A7443A

 360001

 C55E52

 100000

 E3786A

 000000

 FF9283

 FFAE9D

 FFCAB8

 FFE6D4

 6D0D10

 6D0D10

■ 6D0205

■ 6D181B

■ 6D0003

■ 6D2325

■ 6D2E30

■ 6D393A

■ 6D4345

■ 6D4E4F

■ 6D595A

■ 6D6464

■ 6D6F6F

# Harmonies

## Analogous

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



710033



6D0D10



5B2600

# Triad

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



6D0D10



004212



00397E

# Complementary

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



6D0D10



0D6D6A

# 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.



004175



6D0D10



004438

# Square

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



6D0D10



1A3E00



00445C



352972

# Rectangle

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



6D0D10



493100



00445C



003C7D



# Sweetspot

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



6D0D10



8F6A6B



6A0D6D



473132



C7C7C7



474747



# Same Dimension

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



6D0D10



8F0004



6D3A0D



363030



750004



F50008



# Inverse Universe

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



6D0D10



8F0004



0D406D



363030



750004

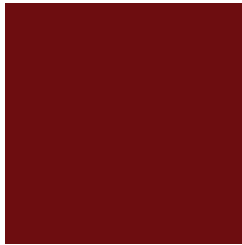


F50008



# Previews

## White Background



This preview shows how the Hex color 6D0D10 looks on a white background.

## Color Contrast Check

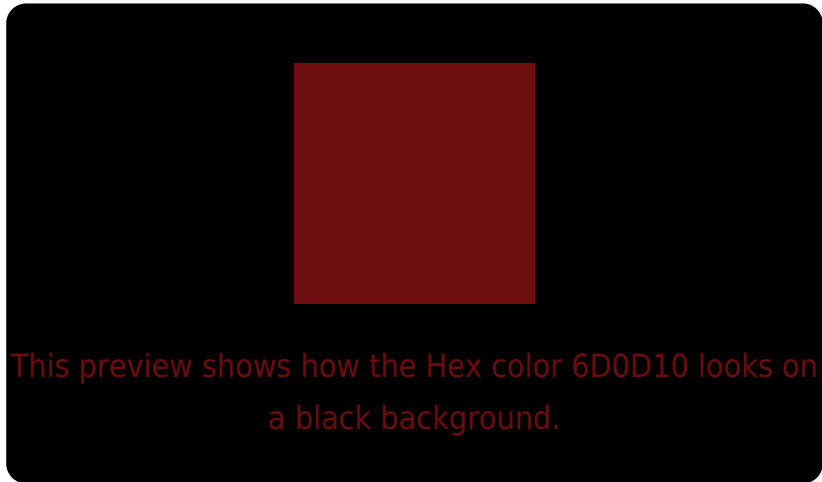
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D0D10 Background



This preview shows how black text looks on a background with the Hex color 6D0D10.

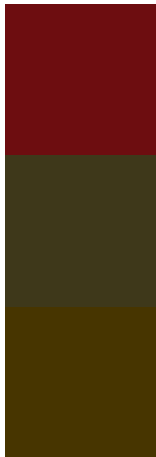


This preview shows how white text looks on a background with the Hex color 6D0D10.

# 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**  
6D0D10

**Protanopia**  
3E381A

**Deuteranopia**  
473500



**Tritanopia**  
6D0E0B

# Trichromacy



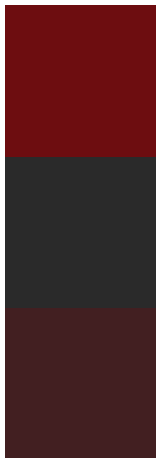
**Original Color**  
6D0D10

**Protanomaly**  
4F2816

**Deuteranomaly**  
552606

**Tritanomaly**  
6D0E0D

# Monochromacy



**Original Color**  
6D0D10

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
421F21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D0D10 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 #6D0D10 looks like.

```
.text, #text, p{  
    color:#6D0D10  
}
```

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 #6D0D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0D10
}
```

## Border

The CSS property to change the border of an element to Hex 6D0D10 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".

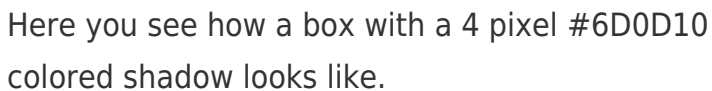
```
.border, #border, table{ border:4px solid
#6D0D10 }
```

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

```
.border{ border-color:#6D0D10 }
```

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

Here you see how a box with a 4 pixel #6D0D10 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6D0D10 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0D10; -webkit-box-shadow:4px 4px  
4px 4px #6D0D10; box-shadow:4px 4px 4px  
4px #6D0D10 }
```

# Background

The CSS property to change the background color of an element to Hex 6D0D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0D10 }
```

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

```
.background{ background-color:#6D0D10 }
```

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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