

# Converting Colors

Hex(772B10)

Have a look what the booklet for  
Hex(772B10) contains.

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# Color

**Hex(772B10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	772B10
RGB	119, 43, 16
RGB Percent	47%, 17%, 6%
CMY	0.5333, 0.8314, 0.9373
CMYK	0.00, 0.64, 0.87, 0.53
HSL	16°, 76%, 26%
HSV	16°, 87%, 47%
XYZ	8.5652, 5.6871, 1.1365
YIQ	62.6460, 53.9630, 7.7150

# Conversions

## Conversions Part 2

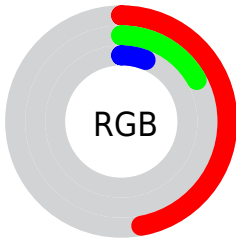
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 53, 16
Decimal	7809808
CIE <sub>Lab</sub>	28.61, 31.89, 33.20
CIE <sub>LCh</sub>	29, 46.034, 46.160
Yxy	5.6871, 0.5566, 0.3696
Android (android.graphics.Color)	4285999888 (0xFF772B10)
YUV	62.6460, -22.9965, 49.4225
Hunter-Lab	23.8476, 22.3769, 13.8678

# Details

The Hex color **772B10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **105C77**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B15C3D**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **772204**, and if you desaturate by 10%, it is **77341C**.

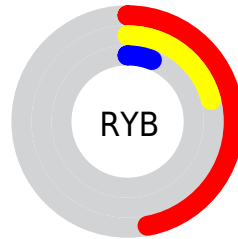
# Distribution



Red (47%)

Green (17%)

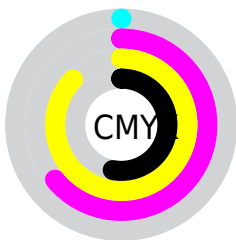
Blue (6%)



Red (47%)

Yellow (21%)

Blue (6%)

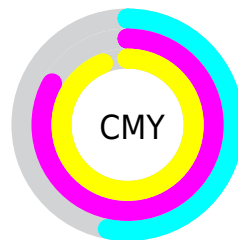


Cyan (0%)

Magenta (64%)

Yellow (87%)

Black (53%)



Cyan (53%)

Magenta (83%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 772B10 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 772B10 by changing the saturation by 10% instead.



 772B10

 772B10

 FFFFF5

 5B1200

 B15C3D

 3F0000

 CE7554

 270001

 ED8F6D

 000000

 FFAA87

 FFC6A1

 FFE2BC

 FFFFD8

 772B10

 772B10

■ 772204

■ 77341C

■ 771F00

■ 773D28

■ 774534

■ 774E40

■ 77574B

■ 776057

■ 776863

■ 77716F

■ 777A7B

# Harmonies

## Analogous

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



811B32



772B10



603C00

# Triad

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



772B10



005231



0E4188

# Complementary

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



772B10



105C77

# 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.



004C89



772B10



005356

# Square

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



772B10



114F0B



005276



5C3075

# Rectangle

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



772B10



4D4400



005276



00468B



# Sweetspot

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



772B10



9C7E73



77105D



4F3D37



CFCFCF



4F4F4F



# Same Dimension

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



772B10



9C2900



775D10



3B3635



7A2000



FA4200



# Inverse Universe

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



105C77



00739C



102A77



35393B



005A7A



00B8FA



# Previews

## White Background



This preview shows how the Hex color 772B10 looks on a white background.

## Color Contrast Check

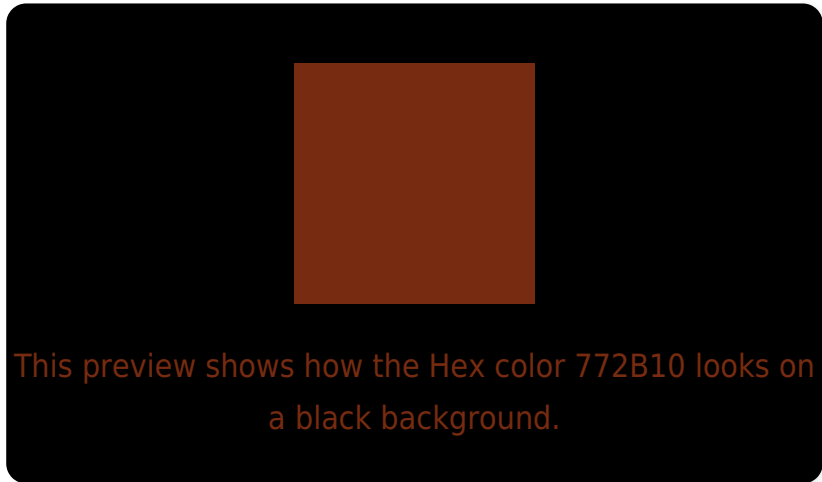
Large Text (above 18pt) WCAG AA ✓ Pass

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 772B10 Background



This preview shows how black text looks on a background with the Hex color 772B10.



This preview shows how white text looks on a background with the Hex color 772B10.

# 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**  
772B10

**Protanopia**  
4D4516

**Deuteranopia**  
574100



**Tritanopia**  
78282B

# Trichromacy



**Original Color**  
772B10

**Protanomaly**  
5C3C14

**Deuteranomaly**  
633906

**Tritanomaly**  
782921

# Monochromacy



**Original Color**  
772B10

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
53382E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 772B10 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 #772B10 looks like.

```
.text, #text, p{  
    color:#772B10  
}
```

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 #772B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #772B10
}
```

## Border

The CSS property to change the border of an element to Hex 772B10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

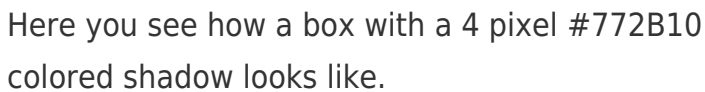
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#772B10 }
```

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

```
.border{ border-color:#772B10 }
```

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



Here you see how a box with a 4 pixel #772B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #772B10; -webkit-box-shadow:4px 4px  
4px 4px #772B10; box-shadow:4px 4px 4px  
4px #772B10 }
```

# Background

The CSS property to change the background color of an element to Hex 772B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#772B10 }
```

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

```
.background{ background-color:#772B10 }
```

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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