

# Converting Colors

Hex(72160F)

Have a look what the booklet for  
Hex(72160F) contains.

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**Color**

**Hex(72160F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72160F
RGB	114, 22, 15
RGB Percent	45%, 9%, 6%
CMY	0.5529, 0.9137, 0.9412
CMYK	0.00, 0.81, 0.87, 0.55
HSL	4°, 77%, 25%
HSV	4°, 87%, 45%
XYZ	7.3126, 4.1857, 0.8744
YIQ	48.7100, 57.0790, 17.3270

# Conversions

## Conversions Part 2

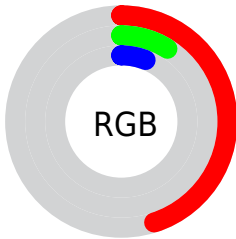
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 23, 15
Decimal	7476751
CIELab	24.28, 39.05, 29.35
CIELCh	24, 48.851, 36.924
Yxy	4.1857, 0.5910, 0.3383
Android (android.graphics.Color)	4285666831 (0xFF72160F)
YUV	48.7100, -16.6190, 57.2593
Hunter-Lab	20.4590, 27.9971, 11.7872

# Details

The Hex color **72160F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0F6B72**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **AC4A3A**, and **3A0000** is the 20% darker color. If you saturate the color by 10%, you get **720B04**, and if you desaturate by 10%, it is **72211A**.

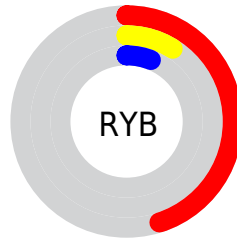
# Distribution



Red (45%)

Green (9%)

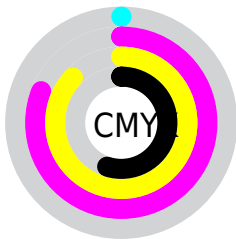
Blue (6%)



Red (45%)

Yellow (9%)

Blue (6%)

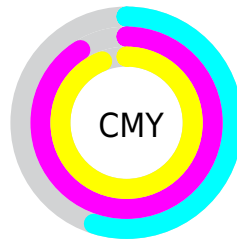


Cyan (0%)

Magenta (81%)

Yellow (87%)

Black (55%)



Cyan (55%)

Magenta (91%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72160F 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 72160F by changing the saturation by 10% instead.



 72160F

 72160F

 FFFFF0

 560000

 AC4A3A

 3A0000

 CA6451

 1C0001

 E87E6A

 000000

 FF9983

 FFB49D

 FFD0B8

 FFEDD4

 72160F

 72160F

■ 720B04

■ 72211A

■ 720800

■ 722B26

■ 723631

■ 72403D

■ 724B48

■ 725653

■ 72605F

■ 726B6A

■ 727576

# Harmonies

## Analogous

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



780033



72160F



5E2D00

# Triad

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



72160F



00471B



003C84

# Complementary

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



72160F



0F6B72

# 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.



00457E



72160F



004942

# Square

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



72160F



174300



004965



422B75

# Rectangle

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



72160F



4B3700



004965



004084



# Sweetspot

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



72160F



94706D



720F6B



4A3533



C9C9C9



4A4A4A



# Same Dimension

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



72160F



940A00



72470F



383332



780800



F71100



# Inverse Universe

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



0F6B72



008994



0F3A72



323838



006F78



00E6F7



# Previews

## White Background



This preview shows how the Hex color 72160F 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 72160F Background



This preview shows how black text looks on a background with the Hex color 72160F.



This preview shows how white text looks on a background with the Hex color 72160F.

# 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**  
72160F

**Protanopia**  
433C18

**Deuteranopia**  
4C3900



**Tritanopia**  
721515

# Trichromacy



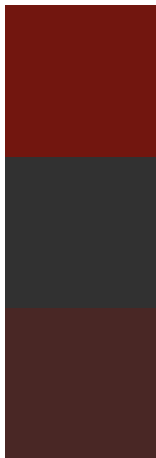
**Original Color**  
72160F

**Protanomaly**  
542E15

**Deuteranomaly**  
5A2C05

**Tritanomaly**  
721513

# Monochromacy



**Original Color**  
72160F

**Achromatopsia**  
313131

**Achromatomaly**  
492725

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72160F 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 #72160F looks like.

```
.text, #text, p{  
    color:#72160F  
}
```

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 #72160F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72160F
}
```

## Border

The CSS property to change the border of an element to Hex 72160F is called "border". The border property can be set on classes, ids or directly on the HTML element.

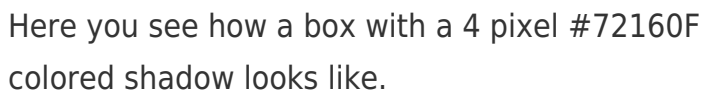
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72160F }
```

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

```
.border{ border-color:#72160F }
```

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



Here you see how a box with a 4 pixel #72160F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72160F; -webkit-box-shadow:4px 4px  
4px 4px #72160F; box-shadow:4px 4px 4px  
4px #72160F }
```

# Background

The CSS property to change the background color of an element to Hex 72160F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72160F }
```

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

```
.background{ background-color:#72160F }
```

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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