

# Converting Colors

Hex(721417)

Have a look what the booklet for  
Hex(721417) contains.

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**Color**

**Hex(721417)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	721417
RGB	114, 20, 23
RGB Percent	45%, 8%, 9%
CMY	0.5529, 0.9216, 0.9098
CMYK	0.00, 0.82, 0.80, 0.55
HSL	358°, 70%, 26%
HSV	358°, 82%, 45%
XYZ	7.3442, 4.1396, 1.2225
YIQ	48.4480, 55.0610, 20.8610

# Conversions

## Conversions Part 2

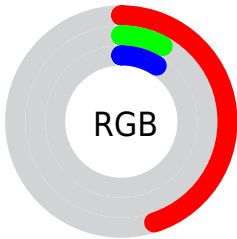
Format	Color
R <sub>Y</sub> B	114, 20, 23
Decimal	7476247
CIE Lab	24.13, 40.00, 24.40
CIE LCh	24, 46.855, 31.384
Yxy	4.1396, 0.5780, 0.3258
Android (android.graphics.Color)	4285666327 (0xFF721417)
YUV	48.4480, -12.5459, 57.4891
Hunter-Lab	20.3460, 28.8274, 10.6796

# Details

The Hex color **721417** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **14726F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **AC4942**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **72090C**, and if you desaturate by 10%, it is **721F22**.

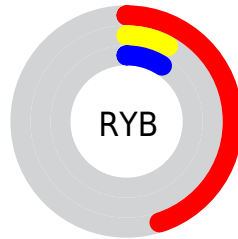
# Distribution



Red (45%)

Green (8%)

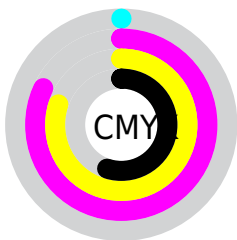
Blue (9%)



Red (45%)

Yellow (8%)

Blue (9%)

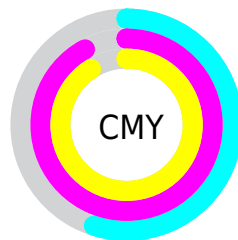


Cyan (0%)

Magenta (82%)

Yellow (80%)

Black (55%)



Cyan (55%)

Magenta (92%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 721417 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 721417 by changing the saturation by 10% instead.



 721417

 721417

 FFFFFA

 560000

 AC4942

 3B0000

 CA635A

 1C0001

 E87D72

 000000

 FF988C

 FFB3A6

 FFCFC1

 FFECD D

 721417

 721417

■ 72090C

■ 721F22

■ 720004

■ 722B2D

■ 723638

■ 724243

■ 724D4E

■ 725859

■ 726464

■ 726F6F

■ 727B7A

# Harmonies

## Analogous

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



750439



721417



612A00

# Triad

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



721417



004614



003E81

# Complementary

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



721417



14726F

# 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.



004577



721417



00483A

# Square

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



721417



234100



00485D



362F76

# Rectangle

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



721417



503400



00485D



004180



# Sweetspot

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



721417



946F70



6F1472



4A3434



C9C9C9



4A4A4A



# Same Dimension

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



721417



940106



724014



383233



780004



F70008



# Inverse Universe

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



721417



940106



144672



383233



780004

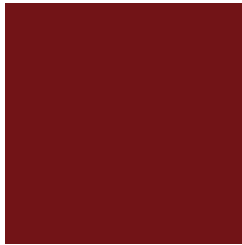


F70008



# Previews

## White Background



This preview shows how the Hex color 721417 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 721417 Background



This preview shows how black text looks on a background with the Hex color 721417.

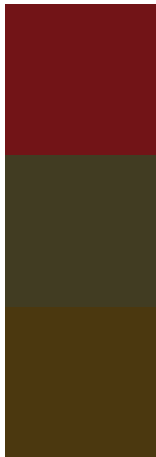


This preview shows how white text looks on a background with the Hex color 721417.

# 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**  
721417

**Protanopia**  
413C22

**Deuteranopia**  
4B380F



# Trichromacy



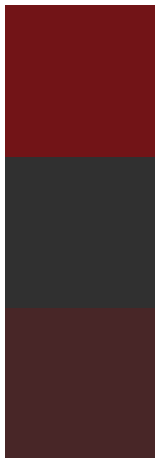
**Original Color**  
721417

**Protanomaly**  
532D1E

**Deuteranomaly**  
592B12

**Tritanomaly**  
721415

# Monochromacy



**Original Color**  
721417

**Achromatopsia**  
303030

**Achromatomaly**  
482627

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 721417 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 #721417 looks like.

```
.text, #text, p{  
    color:#721417  
}
```

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 #721417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #721417 }  
}
```

## Border

The CSS property to change the border of an element to Hex 721417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

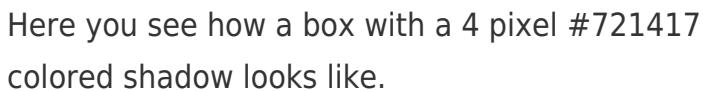
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #721417 }  
}
```

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

```
.border{ border-color:#721417 }
```

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



Here you see how a box with a 4 pixel #721417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #721417; -webkit-box-shadow:4px 4px  
4px 4px #721417; box-shadow:4px 4px 4px  
4px #721417 }
```

# Background

The CSS property to change the background color of an element to Hex 721417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#721417 }
```

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

```
.background{ background-color:#721417 }
```

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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