

# Converting Colors

Hex(732007)

Have a look what the booklet for  
Hex(732007) contains.

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**Color**

**Hex(732007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732007
RGB	115, 32, 7
RGB Percent	45%, 13%, 3%
CMY	0.5490, 0.8745, 0.9725
CMYK	0.00, 0.72, 0.94, 0.55
HSL	14°, 89%, 24%
HSV	14°, 94%, 45%
XYZ	7.6251, 4.6932, 0.7050
YIQ	53.9670, 57.4930, 9.8210

# Conversions

## Conversions Part 2

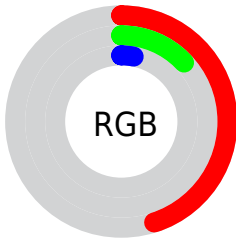
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 40, 7
Decimal	7544839
CIE <sub>Lab</sub>	25.84, 35.29, 34.47
CIE <sub>LCh</sub>	26, 49.333, 44.327
Yxy	4.6932, 0.5855, 0.3604
Android (android.graphics.Color)	4285734919 (0xFF732007)
YUV	53.9670, -23.1547, 53.5259
Hunter-Lab	21.6638, 24.9157, 13.2352

# Details

The Hex color **732007** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **075A73**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **AD5234**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **731B00**, and if you desaturate by 10%, it is **732912**.

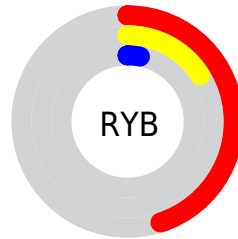
# Distribution



Red (45%)

Green (13%)

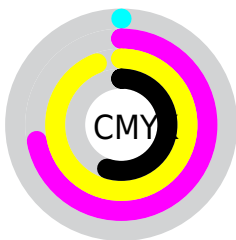
Blue (3%)



Red (45%)

Yellow (16%)

Blue (3%)

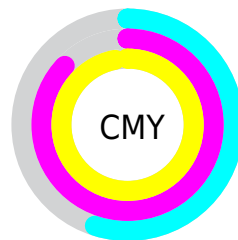


Cyan (0%)

Magenta (72%)

Yellow (94%)

Black (55%)



Cyan (55%)

Magenta (87%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732007 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 732007 by changing the saturation by 10% instead.



 732007

 732007

 FFFFEA

 570300

 AD5234

 3B0000

 CB6B4C

 1F0001

 E98564

 000000

 FFA07D

 FFBB97

 FFD8B2

 FFF4CE

 732007

 732007

■ 731B00

■ 732912

■ 73321E

■ 733B29

■ 734335

■ 734C40

■ 73554C

■ 735E58

■ 736763

■ 73706F

# Harmonies

## Analogous

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



7D062D



732007



5C3400

# Triad

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



732007



004C27



003C87

# Complementary

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



732007



075A73

# 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.



004786



732007



004D4F

# Square

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



732007



044800



004C71



542973

# Rectangle

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



732007



473E00



004C71



004189



# Sweetspot

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



732007



96766C



73075C



4D3932



CCCCCC



4D4D4D



# Same Dimension

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



732007



962300



735407



3B3635



7A1C00



FA3A00



# Inverse Universe

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



075A73



007496



072673



35393B



005E7A

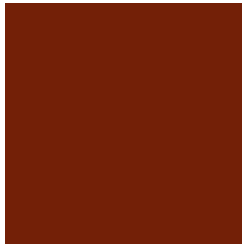


00C0FA



# Previews

## White Background



This preview shows how the Hex color 732007 looks on a white background.

## Color Contrast Check

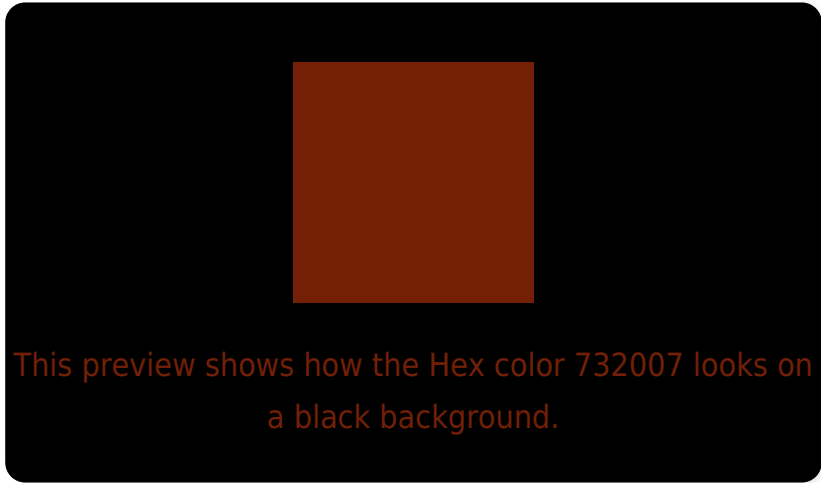
Large Text (above 18pt) WCAG AA ✓ Pass

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

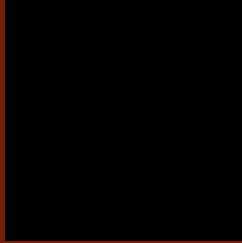
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 732007 Background



This preview shows how black text looks on a background with the Hex color 732007.



This preview shows how white text looks on a background with the Hex color 732007.

# 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**  
732007

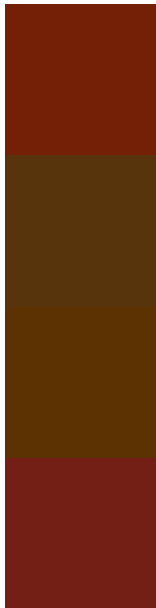
**Protanopia**  
473F0F

**Deuteranopia**  
4F3C00



**Tritanopia**  
731E1F

# Trichromacy



**Original Color**  
732007

**Protanomaly**  
57340C

**Deuteranomaly**  
5C3203

**Tritanomaly**  
731F16

# Monochromacy



**Original Color**  
732007

**Achromatopsia**  
363636

**Achromatomaly**  
4C2E25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732007 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 #732007 looks like.

```
.text, #text, p{  
    color:#732007  
}
```

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 #732007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732007
}
```

## Border

The CSS property to change the border of an element to Hex 732007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

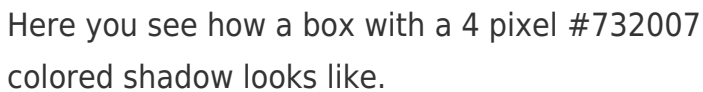
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732007 }
```

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

```
.border{ border-color:#732007 }
```

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



Here you see how a box with a 4 pixel #732007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732007; -webkit-box-shadow:4px 4px  
4px 4px #732007; box-shadow:4px 4px 4px  
4px #732007 }
```

# Background

The CSS property to change the background color of an element to Hex 732007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732007 }
```

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

```
.background{ background-color:#732007 }
```

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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