

Converting Colors

Hex(712004)

Have a look what the booklet for
Hex(712004) contains.

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Color

Hex(712004)

Conversions

Conversions Part 1

Format	Color
Hex	712004
RGB	113, 32, 4
RGB Percent	44%, 13%, 2%
CMY	0.5569, 0.8745, 0.9843
CMYK	0.00, 0.72, 0.96, 0.56
HSL	15°, 93%, 23%
HSV	15°, 96%, 44%
XYZ	7.3485, 4.5525, 0.6063
YIQ	53.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

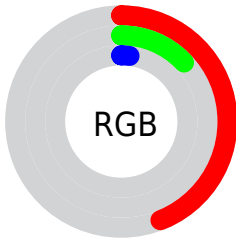
Format	Color
R_{YB}	113, 42, 4
Decimal	7413764
CIE _{Lab}	25.42, 34.47, 35.16
CIE _{LCh}	25, 49.236, 45.563
Yxy	4.5525, 0.5875, 0.3640
Android (android.graphics.Color)	4285603844 (0xFF712004)
YUV	53.0270, -24.1703, 52.5963
Hunter-Lab	21.3366, 24.1377, 13.2509

Details

The Hex color **712004** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **045571**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **AB5132**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **711D00**, and if you desaturate by 10%, it is **71280F**.

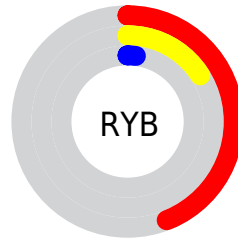
Distribution



Red (44%)

Green (13%)

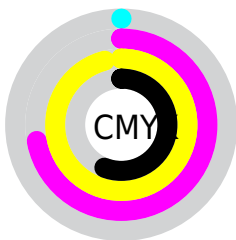
Blue (2%)



Red (44%)

Yellow (16%)

Blue (2%)

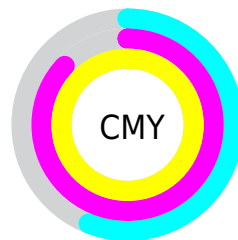


Cyan (0%)

Magenta (72%)

Yellow (96%)

Black (56%)



Cyan (56%)

Magenta (87%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712004 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 712004 by changing the saturation by 10% instead.

 712004

 712004

 FFFFE8

 550400

 AB5132

 390000

 C96B49

 1C0001

 E78562

 000000

 FF9F7B

 FFBB95

 FFD7B0

 FFF4CB

 712004

 712004

■ 711D00

■ 71280F

■ 71311B

■ 713926

■ 714231

■ 714A3D

■ 715248

■ 715B53

■ 71635E

■ 716C6A

Harmonies

Analogous

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



7C052B



712004



5A3400

Triad

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



712004



004B28



003A85

Complementary

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



712004



045571

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.



004685



712004



004C4F

Square

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



712004



004800



004B71



552771

Rectangle

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



712004



453D00



004B71



003F88

Sweetspot

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



712004



947469



710456



4A3730



C9C9C9



4A4A4A

Same Dimension

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



712004



942600



715604



383432



781F00



F74000

Inverse Universe

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



045571



006E94



041F71



323738



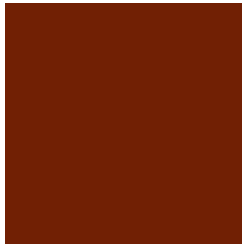
005978



00B8F7

Previews

White Background



This preview shows how the Hex color 712004 looks on a white background.

Color Contrast Check

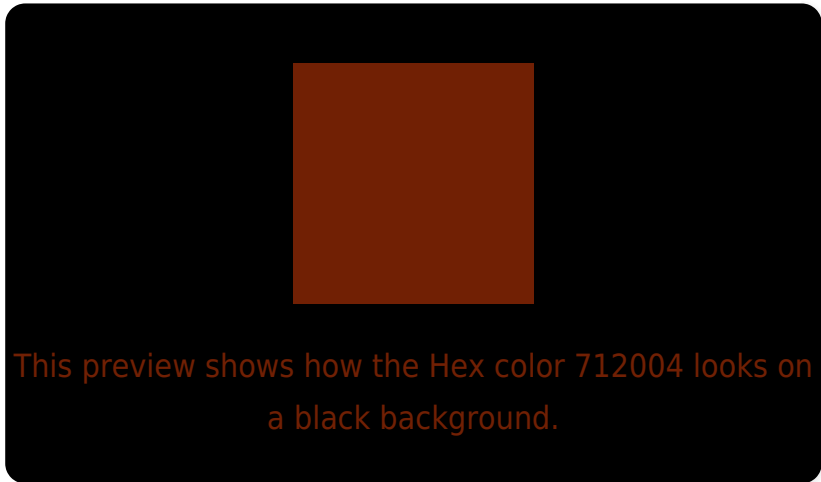
Large Text (above 18pt) WCAG AA ✓ Pass

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

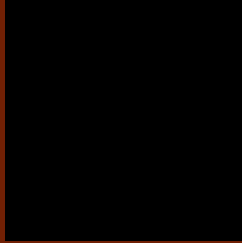
Any Text WCAG AA × Fail

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 712004 Background



This preview shows how black text looks on a background with the Hex color 712004.



This preview shows how white text looks on a background with the Hex color 712004.

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

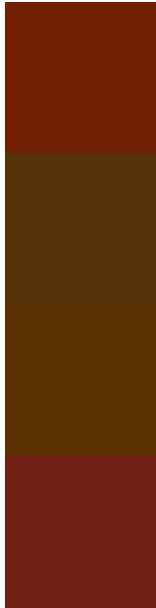


Original Color
712004

Protanopia
463E0D

Deuteranopia
4E3B00

Trichromacy



Original Color
712004

Protanomaly
56330A

Deuteranomaly
5B3101

Tritanomaly
711F15

Monochromacy



Original Color
712004

Achromatopsia
353535

Achromatomaly
4B2D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 712004 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 #712004 looks like.

```
.text, #text, p{  
    color:#712004  
}
```

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 #712004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712004
}
```

Border

The CSS property to change the border of an element to Hex 712004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

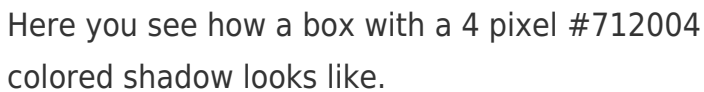
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712004 }
```

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

```
.border{ border-color:#712004 }
```

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



Here you see how a box with a 4 pixel #712004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712004; -webkit-box-shadow:4px 4px  
4px 4px #712004; box-shadow:4px 4px 4px  
4px #712004 }
```

Background

The CSS property to change the background color of an element to Hex 712004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712004 }
```

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

```
.background{ background-color:#712004 }
```

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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