

# Converting Colors

Hex(712325)

Have a look what the booklet for  
Hex(712325) contains.

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# Color

Hex(712325)

# Conversions

## Conversions Part 1

Format	Color
Hex	712325
RGB	113, 35, 37
RGB Percent	44%, 14%, 15%
CMY	0.5569, 0.8627, 0.8549
CMYK	0.00, 0.69, 0.67, 0.56
HSL	358°, 53%, 29%
HSV	358°, 69%, 44%
XYZ	7.7450, 4.8463, 2.2775
YIQ	58.5500, 45.8460, 17.1580

# Conversions

## Conversions Part 2

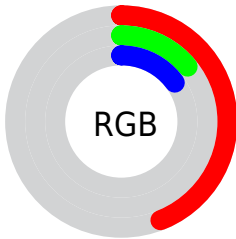
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 35, 37
Decimal	7414565
CIELab	26.29, 34.47, 17.81
CIElCh	26, 38.804, 27.325
Yxy	4.8463, 0.5209, 0.3259
Android (android.graphics.Color)	4285604645 (0xFF712325)
YUV	58.5500, -10.6241, 47.7527
Hunter-Lab	22.0144, 24.2738, 9.2763

# Details

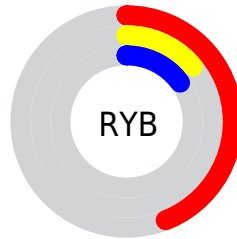
The Hex color **712325** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23716F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A95452**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **71181A**, and if you desaturate by 10%, it is **712E30**.

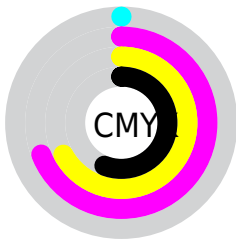
# Distribution



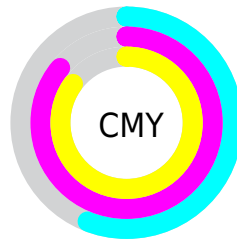
- Red (44%)
- Green (14%)
- Blue (15%)



- Red (44%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (67%)
- Black (56%)




- Cyan (56%)
- Magenta (86%)
- Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 712325 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 712325 by changing the saturation by 10% instead.



 712325

 712325

FFFFFF

 560711

 A95452

 3B0000

 C66E6A

 200001

 E48883


 000000

 FFA39D

 FFBE8

 FFDBD4

 FFF7F0

 712325

 712325

■ 71181A

■ 712E30

■ 710C0F

■ 713A3B

■ 710104

■ 714546

■ 710003

■ 715051

■ 715C5C

■ 716767

■ 717272

■ 717D7D

■ 718988

# Harmonies

## Analogous

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



701F42



712325



64300A

# Triad

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



712325



00491C



00437A

# Complementary

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



712325



23716F

# 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.



004970



712325



004B3B

# Square

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



712325



324400



004C59



383773

# Rectangle

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



712325



563800



004C59



004578



# Sweetspot

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



712325



947576



6E2371



4A3738



C9C9C9



4A4A4A



# Same Dimension

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



712325



94191C



714723



383233



780003



F70006



# Inverse Universe

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



712325



94191C



234D71



383233



780003

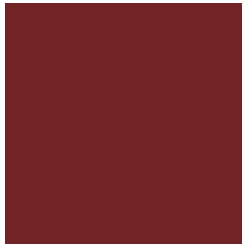


F70006



# Previews

## White Background



This preview shows how the Hex color 712325 looks on a white background.

## Color Contrast Check

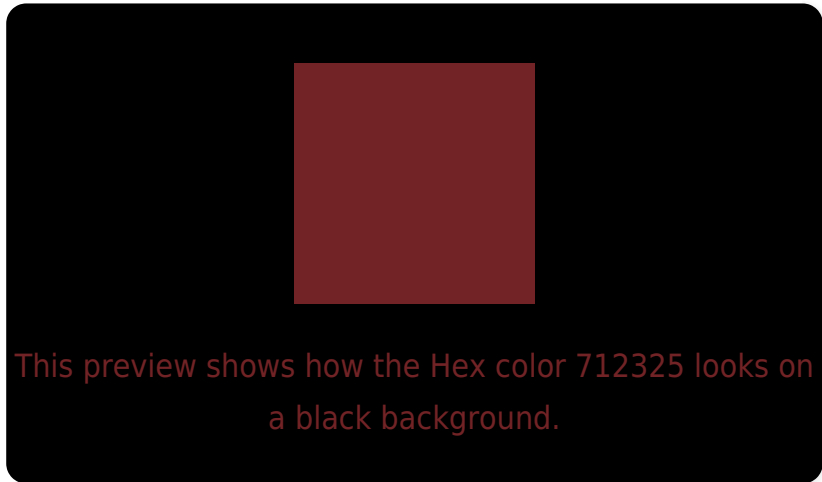
Large Text (above 18pt) WCAG AA ✓ Pass

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 712325 Background



This preview shows how black text looks on a background with the Hex color 712325.

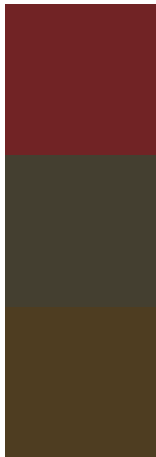


This preview shows how white text looks on a background with the Hex color 712325.

# 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**  
712325

**Protanopia**  
443F30

**Deuteranopia**  
4E3D21



# Trichromacy



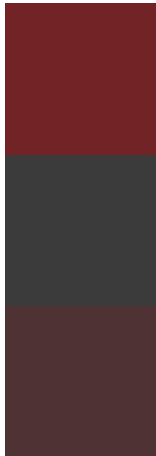
**Original Color**  
712325

**Protanomaly**  
54352C

**Deuteranomaly**  
5B3422

**Tritanomaly**  
712325

# Monochromacy



**Original Color**  
712325

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
4F3233

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 712325 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 #712325 looks like.

```
.text, #text, p{  
    color:#712325  
}
```

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 #712325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712325
}
```

## Border

The CSS property to change the border of an element to Hex 712325 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
#712325 }
```

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

```
.border{ border-color:#712325 }
```

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

Here you see how a box with a 4 pixel #712325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712325; -webkit-box-shadow:4px 4px  
4px 4px #712325; box-shadow:4px 4px 4px  
4px #712325 }
```

# Background

The CSS property to change the background color of an element to Hex 712325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712325 }
```

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

```
.background{ background-color:#712325 }
```

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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