

# Converting Colors

Hex(703F25)

Have a look what the booklet for  
Hex(703F25) contains.

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**Color**

**Hex(703F25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	703F25
RGB	112, 63, 37
RGB Percent	44%, 25%, 15%
CMY	0.5608, 0.7529, 0.8549
CMYK	0.00, 0.44, 0.67, 0.56
HSL	21°, 50%, 29%
HSV	21°, 67%, 44%
XYZ	8.7935, 7.1333, 2.6637
YIQ	74.6870, 37.5500, 2.3020

# Conversions

## Conversions Part 2

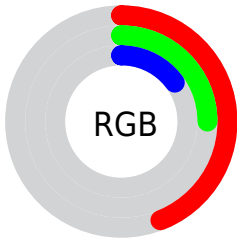
Format	Color
<b>RYB</b>	112, 77, 37
Decimal	7356197
CIELab	32.11, 18.78, 24.89
CIElCh	32, 31.175, 52.967
Yxy	7.1333, 0.4730, 0.3837
Android (android.graphics.Color)	4285546277 (0xFF703F25)
YUV	74.6870, -18.5797, 32.7235
Hunter-Lab	26.7083, 12.0304, 12.7827

# Details

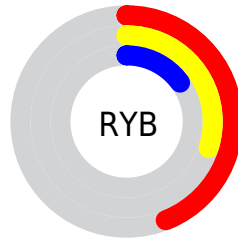
The Hex color **703F25** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **255670**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A76F53**, and **3C1300** is the 20% darker color. If you saturate the color by 10%, you get **70381A**, and if you desaturate by 10%, it is **704630**.

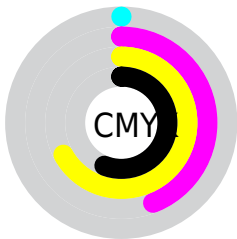
# Distribution



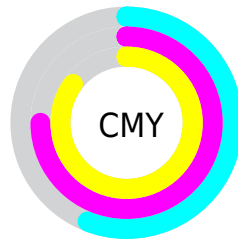
- Red (44%)
- Green (25%)
- Blue (15%)



- Red (44%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (67%)
- Black (56%)



- Cyan (56%)
- Magenta (75%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 703F25 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 703F25 by changing the saturation by 10% instead.



 703F25

 703F25

FFFFFF

 562910

 A76F53

 3C1300

 C3896B

 250000

 E0A384

 000000

 FEBE9F

 FFDABA

 FFF7D5

 FFFFF2

 703F25

 703F25

■ 70381A

■ 704630

■ 70300F

■ 704E3B

■ 702903

■ 705547

■ 702700

■ 705C52

■ 70645D

■ 706B68

■ 707273

■ 707A7F

■ 70818A

# Harmonies

## Analogous

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



79383A



703F25



5E4819

# Triad

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



703F25



005745



434779

# Complementary

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



703F25



255670

# 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.



00507C



703F25



00585E

# Square

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



703F25



29552D



005572



643E69

# Rectangle

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



703F25



4F4E19



005572



344B7B



# Sweetspot

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



703F25



917E74



702557



4A3E38



C9C9C9



4A4A4A



# Same Dimension

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



703F25



91451D



706425



383432



782A00



F75600



# Inverse Universe

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



255670



1D6991



253270



323638



004E78



00A2F7



# Previews

## White Background



This preview shows how the Hex color 703F25 looks on a white background.

## Color Contrast Check

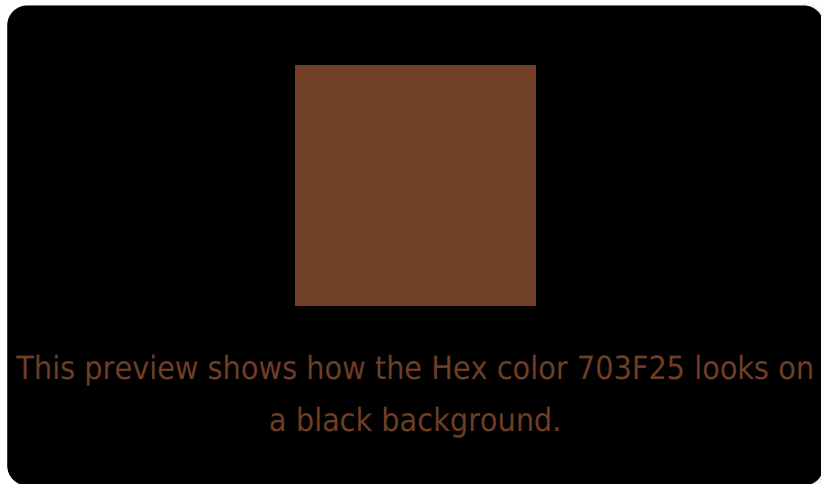
Large Text (above 18pt) WCAG AA ✓ Pass

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

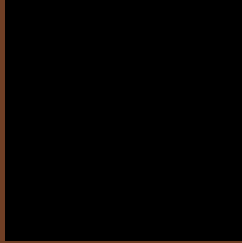
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 703F25 Background



This preview shows how black text looks on a background with the Hex color 703F25.



This preview shows how white text looks on a background with the Hex color 703F25.

# 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**  
703F25

**Protanopia**  
544C29

**Deuteranopia**  
5E4823



**Tritanopia**  
723C40

# Trichromacy



**Original Color**  
703F25

**Protanomaly**  
5E4728

**Deuteranomaly**  
654524

**Tritanomaly**  
713D36

# Monochromacy



**Original Color**  
703F25

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
58473D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 703F25 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 #703F25 looks like.

```
.text, #text, p{  
    color:#703F25  
}
```

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 #703F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703F25 }  
}
```

## Border

The CSS property to change the border of an element to Hex 703F25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

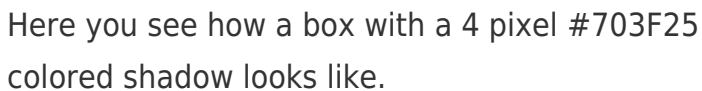
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #703F25 }  
}
```

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

```
.border{ border-color:#703F25 }
```

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



Here you see how a box with a 4 pixel #703F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703F25; -webkit-box-shadow:4px 4px  
4px 4px #703F25; box-shadow:4px 4px 4px  
4px #703F25 }
```

# Background

The CSS property to change the background color of an element to Hex 703F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703F25 }
```

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

```
.background{ background-color:#703F25 }
```

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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