

# Converting Colors

Hex(700F35)

Have a look what the booklet for  
Hex(700F35) contains.

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**Color**

**Hex(700F35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	700F35
RGB	112, 15, 53
RGB Percent	44%, 6%, 21%
CMY	0.5608, 0.9412, 0.7922
CMYK	0.00, 0.87, 0.53, 0.56
HSL	336°, 76%, 25%
HSV	336°, 87%, 44%
XYZ	7.4955, 4.0434, 3.7536
YIQ	48.3350, 45.6140, 32.3820

# Conversions

## Conversions Part 2

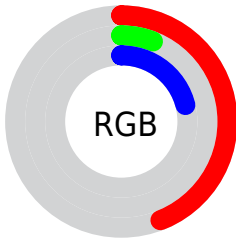
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 15, 53
Decimal	7343925
CIE <sub>Lab</sub>	23.81, 42.80, 3.55
CIE <sub>LCh</sub>	24, 42.949, 4.747
Yxy	4.0434, 0.4901, 0.2644
Android (android.graphics.Color)	4285534005 (0xFF700F35)
YUV	48.3350, 2.2998, 55.8342
Hunter-Lab	20.1083, 31.3477, 3.0083

# Details

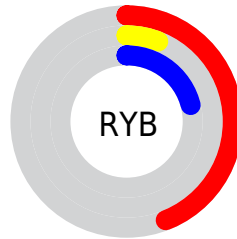
The Hex color **700F35** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F704A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A84763**, and **3B0007** is the 20% darker color. If you saturate the color by 10%, you get **70042E**, and if you desaturate by 10%, it is **701A3C**.

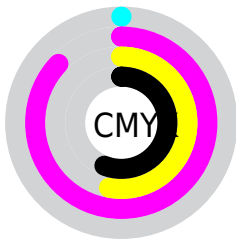
# Distribution



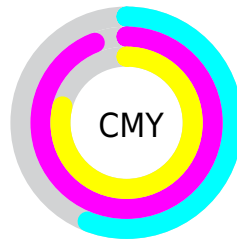
- Red (44%)
- Green (6%)
- Blue (21%)



- Red (44%)
- Yellow (6%)
- Blue (21%)



- Cyan (0%)
- Magenta (87%)
- Yellow (53%)
- Black (56%)



- Cyan (56%)
- Magenta (94%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 700F35 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 700F35 by changing the saturation by 10% instead.



 700F35

 700F35

FFFFFF

 550020

 A84763

 3B0007

 C5617C

 1E0001

 E27B96

 000000

 FF96B1

 FFB1CC

 FFC EE8

 FFEAFF

 700F35

 700F35

■ 70042E

■ 701A3C

■ 70002C

■ 702543

■ 703149

■ 703C50

■ 704757

■ 70525E

■ 705D65

■ 70696B

■ 707472

# Harmonies

## Analogous

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



621B55



700F35



6C1B16

# Triad

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



700F35



204100



004373

# Complementary

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



700F35



0F704A

# 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.



00465D



700F35



00451B

# Square

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



700F35



423900



00473D



003B7A

# Rectangle

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



700F35



622700



00473D



00456D



# Sweetspot

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



700F35



916C7A



490F70



4A333C



C9C9C9



4A4A4A



# Same Dimension

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



700F35



910039



70190F



383235



78002F



F70061



# Inverse Universe

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



700F35



910039



0F6670



383235



78002F

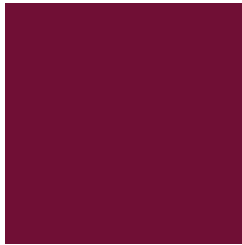


F70061



# Previews

## White Background



This preview shows how the Hex color 700F35 looks on a white background.

## Color Contrast Check

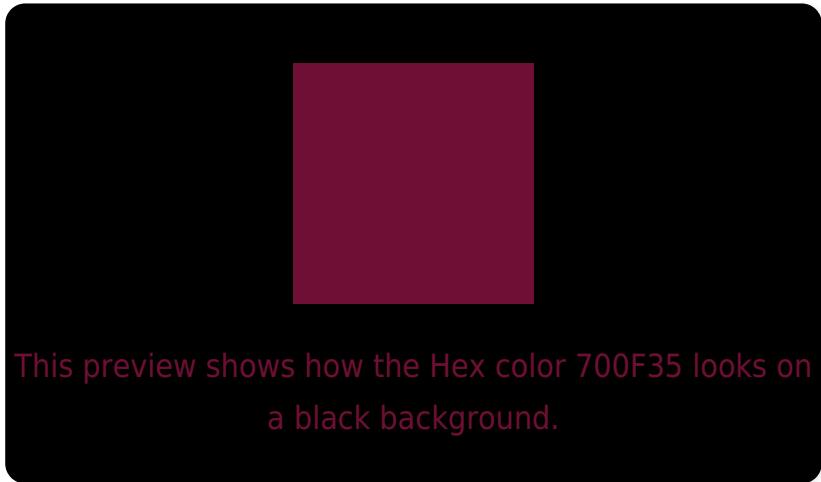
Large Text (above 18pt) WCAG AA ✓ Pass

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 700F35 Background



This preview shows how black text looks on a background with the Hex color 700F35.



This preview shows how white text looks on a background with the Hex color 700F35.

# 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**  
700F35

**Protanopia**  
373A4B

**Deuteranopia**  
443930



**Tritanopia**  
6F1919

# Trichromacy



**Original Color**  
700F35

**Protanomaly**  
4C2A43

**Deuteranomaly**  
542A32

**Tritanomaly**  
6F1523

# Monochromacy



**Original Color**  
700F35

**Achromatopsia**  
303030

**Achromatomaly**  
472432

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 700F35 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 #700F35 looks like.

```
.text, #text, p{  
    color:#700F35  
}
```

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 #700F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700F35
}
```

## Border

The CSS property to change the border of an element to Hex 700F35 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
#700F35 }
```

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

```
.border{ border-color:#700F35 }
```

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

Here you see how a box with a 4 pixel #700F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700F35; -webkit-box-shadow:4px 4px  
4px 4px #700F35; box-shadow:4px 4px 4px  
4px #700F35 }
```

# Background

The CSS property to change the background color of an element to Hex 700F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700F35 }
```

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

```
.background{ background-color:#700F35 }
```

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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