

Converting Colors

Hex(700F56)

Have a look what the booklet for
Hex(700F56) contains.

Hex(700F56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(700F56)

Conversions

Conversions Part 1

Format	Color
Hex	700F56
RGB	112, 15, 86
RGB Percent	44%, 6%, 34%
CMY	0.5608, 0.9412, 0.6627
CMYK	0.00, 0.87, 0.23, 0.56
HSL	316°, 76%, 25%
HSV	316°, 87%, 44%
XYZ	8.5326, 4.4583, 9.2149
YIQ	52.0970, 35.0210, 42.6450

Conversions

Conversions Part 2

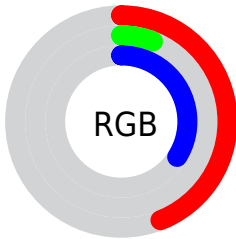
Format	Color
R_{YB}	112, 15, 86
Decimal	7343958
CIE _{Lab}	25.13, 46.59, -16.89
CIE _{LCh}	25, 49.556, 340.070
Yxy	4.4583, 0.3843, 0.2008
Android (android.graphics.Color)	4285534038 (0xFF700F56)
YUV	52.0970, 16.7142, 52.5349
Hunter-Lab	21.1146, 35.1830, -11.0953

Details

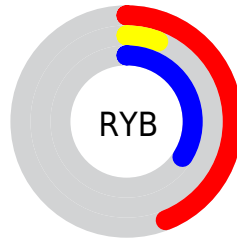
The Hex color **700F56** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0F7029**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A74888**, and **3C0029** is the 20% darker color. If you saturate the color by 10%, you get **700453**, and if you desaturate by 10%, it is **701A59**.

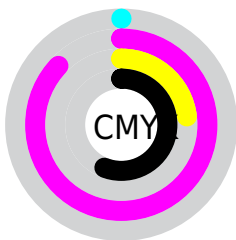
Distribution



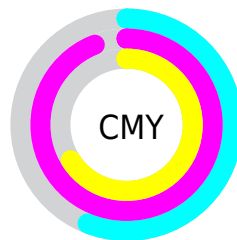
- Red (44%)
- Green (6%)
- Blue (34%)



- Red (44%)
- Yellow (6%)
- Blue (34%)



- Cyan (0%)
- Magenta (87%)
- Yellow (23%)
- Black (56%)



- Cyan (56%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 700F56 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 700F56 by changing the saturation by 10% instead.

 700F56

 700F56

FFFFFF

 56003F

 A74888

 3C0029

 C362A2

 240013

 E07DBD

 000000

 FE98D9

 FFB4F6

 FFD0FF

 FFEDFF

 700F56

 700F56

■ 700453

■ 701A59

■ 700052

■ 70255C

■ 70315F

■ 703C62

■ 704765

■ 705268

■ 705D6B

■ 70696E

■ 707471

Harmonies

Analogous

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



4B2A76



700F56



7C0031

Triad

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



700F56



3F3E00



004B6B

Complementary

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



700F56



0F7029

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.



004B48



700F56



104600

Square

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



700F56



5E3000



004A20



004783

Rectangle

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



700F56



781119



004A20



004B60

Sweetspot

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



700F56



916C87



290F70



4A3344



C9C9C9



4A4A4A

Same Dimension

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



700F56



91006A



700F26



383237



780058



F700B5

Inverse Universe

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



700F56



91006A



0F7059



383237



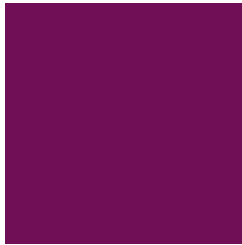
780058



F700B5

Previews

White Background



This preview shows how the Hex color 700F56 looks on a white background.

Color Contrast Check

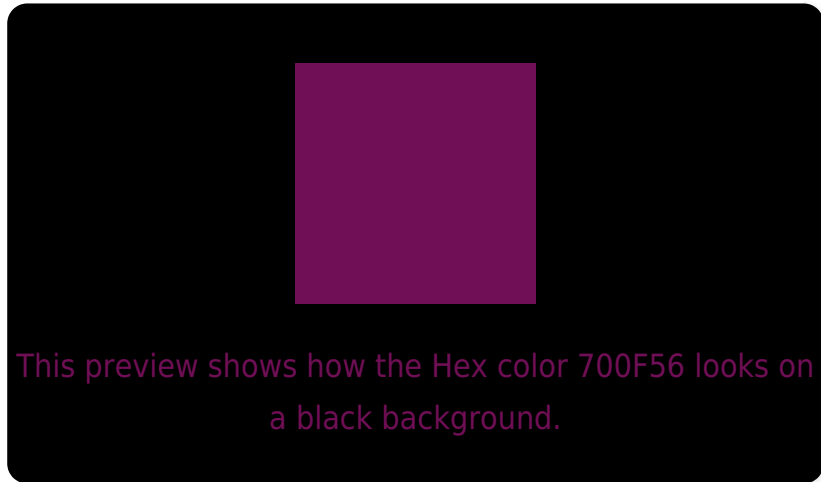
Large Text (above 18pt) WCAG AA ✓ Pass

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

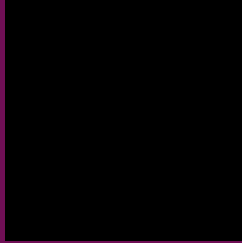
Any Text WCAG AA × Fail

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 700F56 Background



This preview shows how black text looks on a background with the Hex color 700F56.



This preview shows how white text looks on a background with the Hex color 700F56.

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





Tritanopia
6C2426

Trichromacy



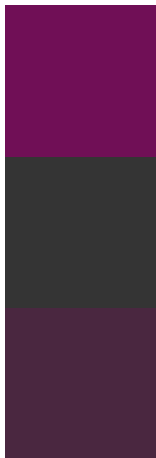
Original Color
700F56

Protanomaly
3A2C6B

Deuteranomaly
4E2C53

Tritanomaly
6D1C37

Monochromacy



Original Color
700F56

Achromatopsia
343434

Achromatomaly
4A2740

CSS Examples

Text

The CSS property to change the color of the text to Hex 700F56 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 #700F56 looks like.

```
.text, #text, p{  
    color:#700F56  
}
```

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 #700F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700F56
}
```

Border

The CSS property to change the border of an element to Hex 700F56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

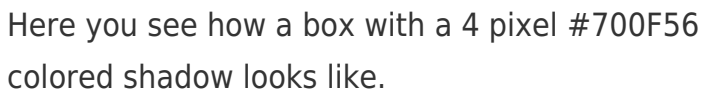
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#700F56 }
```

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

```
.border{ border-color:#700F56 }
```

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



Here you see how a box with a 4 pixel #700F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700F56; -webkit-box-shadow:4px 4px  
4px 4px #700F56; box-shadow:4px 4px 4px  
4px #700F56 }
```

Background

The CSS property to change the background color of an element to Hex 700F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700F56 }
```

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

```
.background{ background-color:#700F56 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor