

Converting Colors

Hex(702F15)

Have a look what the booklet for
Hex(702F15) contains.

Hex(702F15)	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(702F15)

Conversions

Conversions Part 1

Format	Color
Hex	702F15
RGB	112, 47, 21
RGB Percent	44%, 18%, 8%
CMY	0.5608, 0.8157, 0.9176
CMYK	0.00, 0.58, 0.81, 0.56
HSL	17°, 68%, 26%
HSV	17°, 81%, 44%
XYZ	7.8340, 5.5319, 1.3643
YIQ	63.4710, 47.0860, 5.6940

Conversions

Conversions Part 2

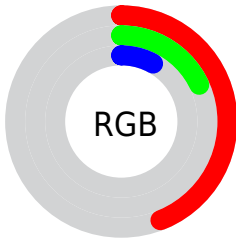
Format	Color
R_{YB}	112, 57, 21
Decimal	7352085
CIE Lab	28.20, 27.08, 29.75
CIE LCh	28, 40.232, 47.691
Yxy	5.5319, 0.5318, 0.3755
Android (android.graphics.Color)	4285542165 (0xFF702F15)
YUV	63.4710, -20.9382, 42.5599
Hunter-Lab	23.5200, 18.2941, 13.0248

Details

The Hex color **702F15** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **155670**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A95F41**, and **3A0100** is the 20% darker color. If you saturate the color by 10%, you get **70270A**, and if you desaturate by 10%, it is **703720**.

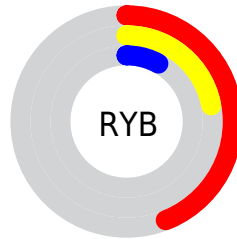
Distribution



Red (44%)

Green (18%)

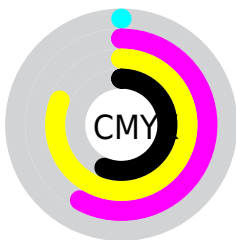
Blue (8%)



Red (44%)

Yellow (22%)

Blue (8%)

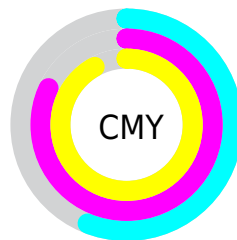


Cyan (0%)

Magenta (58%)

Yellow (81%)

Black (56%)



Cyan (56%)

Magenta (82%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 702F15 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 702F15 by changing the saturation by 10% instead.

 702F15

 702F15

 FFFFFA

 551800

 A95F41

 3A0100

 C67859

 210001

 E39272

 000000

 FFAD8C

 FFC9A6

 FFE5C2

 FFFFDE

 702F15

 702F15

■ 70270A

■ 703720

■ 702000

■ 703F2B

■ 704737

■ 704F42

■ 70574D

■ 705F58

■ 706763

■ 706F6F

■ 70777A

Harmonies

Analogous

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



792332



702F15



5C3C00

Triad

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



702F15



005034



25407E

Complementary

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



702F15



155670

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.



004A7F



702F15



005154

Square

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



702F15



184D15



004F70



5B316D

Rectangle

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



702F15



4A4400



004F70



004480

Sweetspot

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



702F15



91786E



701556



4A3B35



C9C9C9



4A4A4A

Same Dimension

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



702F15



912C03



705C15



383432



782200



F74700

Inverse Universe

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



155670



036991



152970



323638



005678



00B1F7

Previews

White Background



This preview shows how the Hex color 702F15 looks on a white background.

Color Contrast Check

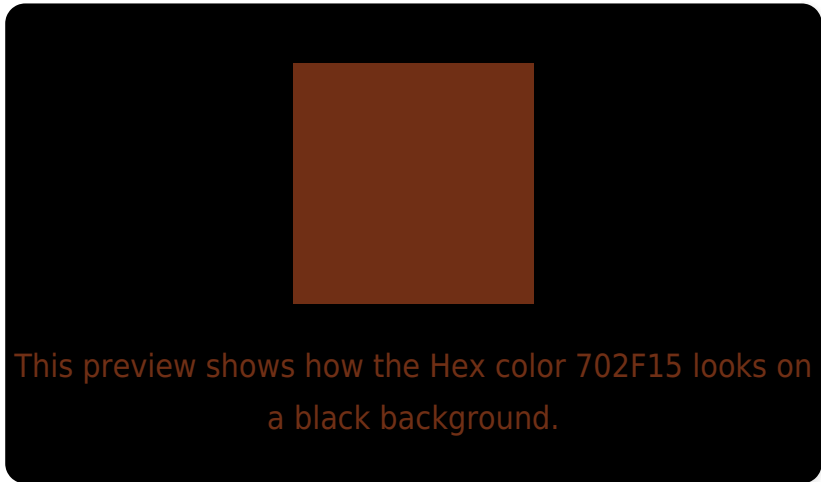
Large Text (above 18pt) WCAG AA ✓ Pass

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 702F15 Background



This preview shows how black text looks on a background with the Hex color 702F15.



This preview shows how white text looks on a background with the Hex color 702F15.

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
702F15

Protanopia
4B441B

Deuteranopia
55400F



Tritanopia
712C2F

Trichromacy



Original Color
702F15

Protanomaly
583C19

Deuteranomaly
5F3A11

Tritanomaly
712D26

Monochromacy



Original Color
702F15

Achromatopsia
3F3F3F

Achromatomaly
513930

CSS Examples

Text

The CSS property to change the color of the text to Hex 702F15 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 #702F15 looks like.

```
.text, #text, p{  
    color:#702F15  
}
```

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 #702F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702F15 }  
}
```

Border

The CSS property to change the border of an element to Hex 702F15 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 #702F15 }  
}
```

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

```
.border{ border-color:#702F15 }
```

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

Here you see how a box with a 4 pixel #702F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702F15; -webkit-box-shadow:4px 4px  
4px 4px #702F15; box-shadow:4px 4px 4px  
4px #702F15 }
```

Background

The CSS property to change the background color of an element to Hex 702F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702F15 }
```

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

```
.background{ background-color:#702F15 }
```

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