

Converting Colors

Hex(772F56)

Have a look what the booklet for
Hex(772F56) contains.

Hex(772F56)	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(772F56)

Conversions

Conversions Part 1

Format	Color
Hex	772F56
RGB	119, 47, 86
RGB Percent	47%, 18%, 34%
CMY	0.5333, 0.8157, 0.6627
CMYK	0.00, 0.61, 0.28, 0.53
HSL	328°, 43%, 33%
HSV	328°, 61%, 47%
XYZ	10.3040, 6.6269, 9.5401
YIQ	72.9740, 30.3930, 27.3930

Conversions

Conversions Part 2

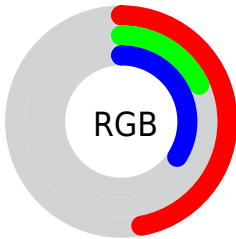
Format	Color
R_{YB}	119, 47, 86
Decimal	7810902
CIE Lab	30.94, 36.07, -7.90
CIE LCh	31, 36.929, 347.654
Yxy	6.6269, 0.3893, 0.2503
Android (android.graphics.Color)	4286000982 (0xFF772F56)
YUV	72.9740, 6.4218, 40.3648
Hunter-Lab	25.7427, 26.3982, -3.9528

Details

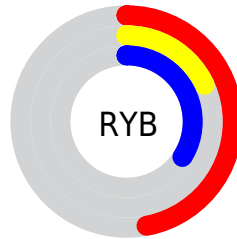
The Hex color **772F56** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2F7750**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AD6188**, and **430029** is the 20% darker color. If you saturate the color by 10%, you get **772351**, and if you desaturate by 10%, it is **773B5B**.

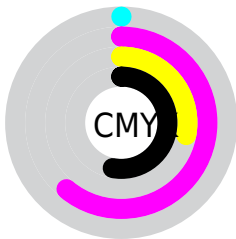
Distribution



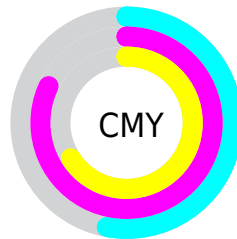
- Red (47%)
- Green (18%)
- Blue (34%)



- Red (47%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (53%)



- Cyan (53%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 772F56 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 772F56 by changing the saturation by 10% instead.

772F56

772F56

FFFFFF

5D163F

AD6188

430029

CA7BA2

2E0015

E695BD

000000

FFB0D9

FFCCF5

FFE9FF

772F56

772F56

772351

773B5B

77174B

774761

770B46

775366

770040

775F6C

776A71

777677

77827C

778E82

779A87

Harmonies

Analogous

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



603A70



772F56



7D2E39

Triad

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



772F56



474D0B



005573

Complementary

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



772F56



2F7750

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.



005759



772F56



255320

Square

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



772F56



62430B



00563C



004F81

Rectangle

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



772F56



793427



00563C



00566B

Sweetspot

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



772F56



9C808F



4F2F77



4F3E47



CFCFCF



4F4F4F

Same Dimension

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



772F56



9C2A68



772F33



3B3538



7A0042



FA0087

Inverse Universe

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



772F56



9C2A68



2F7773



3B3538



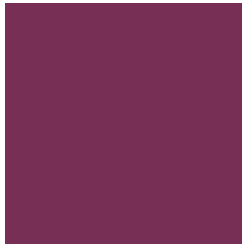
7A0042



FA0087

Previews

White Background



This preview shows how the Hex color 772F56 looks on a white background.

Color Contrast Check

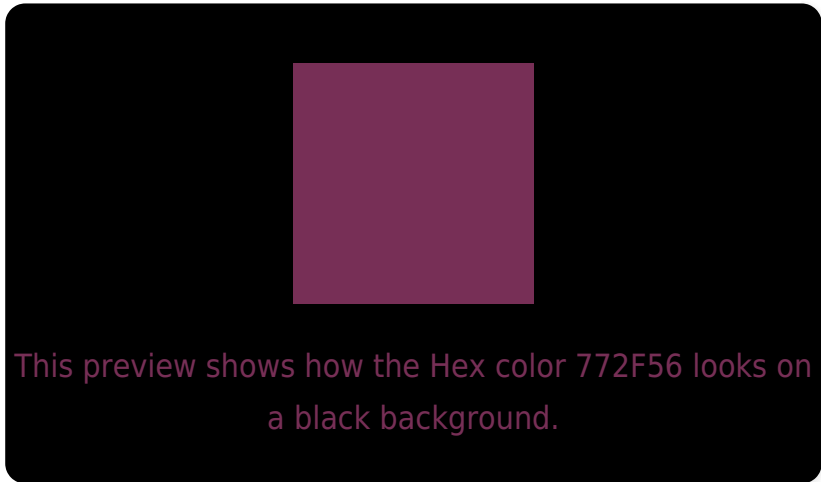
Large Text (above 18pt) WCAG AA ✓ Pass

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

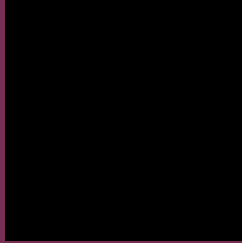
Any Text WCAG AA × Fail

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 772F56 Background



This preview shows how black text looks on a background with the Hex color 772F56.



This preview shows how white text looks on a background with the Hex color 772F56.

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
772F56

Protanopia
404968

Deuteranopia
4D4852



Tritanopia
753639

Trichromacy



Original Color

772F56

Protanomaly

544061

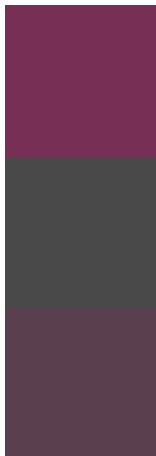
Deuteranomaly

5C3F53

Tritanomaly

763344

Monochromacy



Original Color

772F56

Achromatopsia

494949

Achromatomaly

5A404E

CSS Examples

Text

The CSS property to change the color of the text to Hex 772F56 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 #772F56 looks like.

```
.text, #text, p{  
    color:#772F56  
}
```

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 #772F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #772F56
}
```

Border

The CSS property to change the border of an element to Hex 772F56 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
#772F56 }
```

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

```
.border{ border-color:#772F56 }
```

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

Here you see how a box with a 4 pixel #772F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #772F56; -webkit-box-shadow:4px 4px  
4px 4px #772F56; box-shadow:4px 4px 4px  
4px #772F56 }
```

Background

The CSS property to change the background color of an element to Hex 772F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#772F56 }
```

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

```
.background{ background-color:#772F56 }
```

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