

# Converting Colors

Hex(752F68)

Have a look what the booklet for  
Hex(752F68) contains.

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# Color

**Hex(752F68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752F68
RGB	117, 47, 104
RGB Percent	46%, 18%, 41%
CMY	0.5412, 0.8157, 0.5922
CMYK	0.00, 0.60, 0.11, 0.54
HSL	311°, 43%, 32%
HSV	311°, 60%, 46%
XYZ	10.8513, 6.8144, 13.8401
YIQ	74.4280, 23.4230, 32.5670

# Conversions

## Conversions Part 2

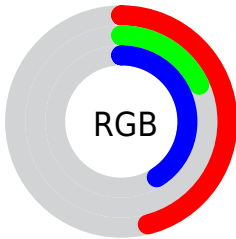
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 47, 104
Decimal	7679848
CIE <sub>Lab</sub>	31.38, 38.33, -18.87
CIE <sub>LCh</sub>	31, 42.725, 333.792
Yxy	6.8144, 0.3444, 0.2163
Android (android.graphics.Color)	4285869928 (0xFF752F68)
YUV	74.4280, 14.5790, 37.3356
Hunter-Lab	26.1044, 28.5177, -13.1614

# Details

The Hex color **752F68** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F753C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AB619B**, and **420039** is the 20% darker color. If you saturate the color by 10%, you get **752366**, and if you desaturate by 10%, it is **753B6A**.

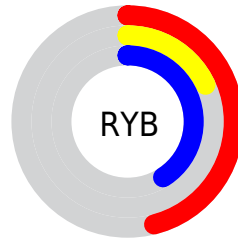
# Distribution



Red (46%)

Green (18%)

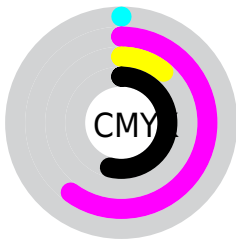
Blue (41%)



Red (46%)

Yellow (18%)

Blue (41%)

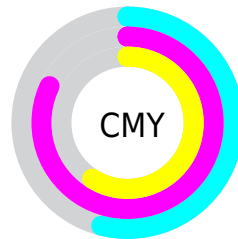


Cyan (0%)

Magenta (60%)

Yellow (11%)

Black (54%)



Cyan (54%)

Magenta (82%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752F68 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 752F68 by changing the saturation by 10% instead.



 752F68

 752F68

FFFFFF

 5B1550

 AB619B

 420039

 C77BB6

 2C0023

 E496D2

 00000A

 FFB1EE

 000000

 FFCDFD

 FFE9FF

 752F68

 752F68

 752366

 753B6A

751864

75466C

750C61

75526F

75005F

755E71

756A73

757575

758177

758D79

75987C

# Harmonies

## Analogous

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



4F3F82



752F68



842647

# Triad

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



752F68



564A00



00596E

# Complementary

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



752F68



2F753C

# 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.



00594D



752F68



335209

# Square

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



752F68



703D08



00572B



005586

# Rectangle

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



752F68



842A31



00572B



005964



# Sweetspot

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



752F68



997D94



3C2F75



4D3C49



CCCCCC



4D4D4D



# Same Dimension

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



752F68



992B85



752F45



3B353A



7A0064



FA00CB



# Inverse Universe

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



752F68



992B85



2F755F



3B353A



7A0064

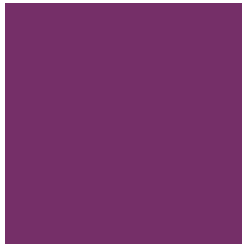


FA00CB



# Previews

## White Background



This preview shows how the Hex color 752F68 looks on a white background.

## Color Contrast Check

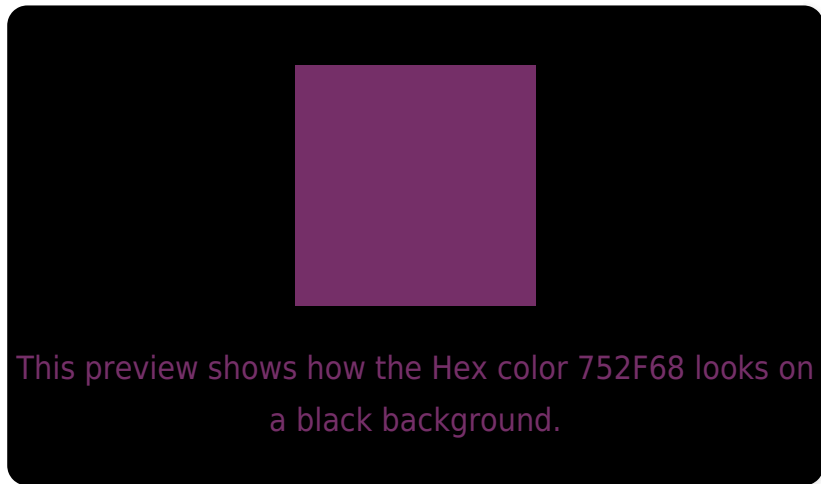
Large Text (above 18pt) WCAG AA ✓ Pass

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

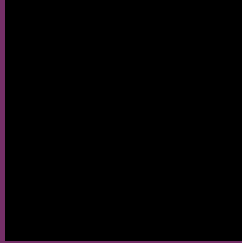
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752F68 Background



This preview shows how black text looks on a background with the Hex color 752F68.

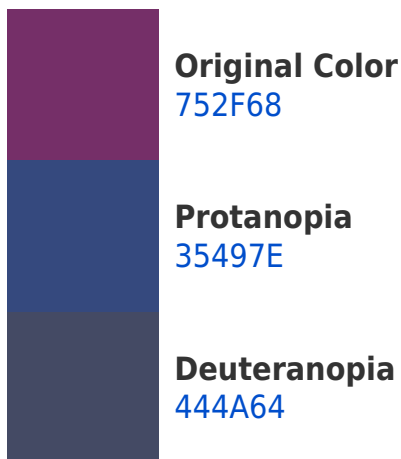


This preview shows how white text looks on a background with the Hex color 752F68.

# 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**  
713A3E

# Trichromacy



**Original Color**  
752F68

**Protanomaly**  
4C4076

**Deuteranomaly**  
564065

**Tritanomaly**  
72364D

# Monochromacy



**Original Color**  
752F68

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5A4055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752F68 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 #752F68 looks like.

```
.text, #text, p{  
    color:#752F68  
}
```

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 #752F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752F68
}
```

## Border

The CSS property to change the border of an element to Hex 752F68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

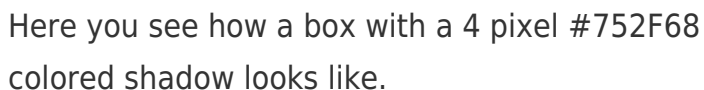
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752F68 }
```

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

```
.border{ border-color:#752F68 }
```

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



Here you see how a box with a 4 pixel #752F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752F68; -webkit-box-shadow:4px 4px  
4px 4px #752F68; box-shadow:4px 4px 4px  
4px #752F68 }
```

# Background

The CSS property to change the background color of an element to Hex 752F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752F68 }
```

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

```
.background{ background-color:#752F68 }
```

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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