

# Converting Colors

Hex(752A61)

Have a look what the booklet for  
Hex(752A61) contains.

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**Color**

**Hex(752A61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752A61
RGB	117, 42, 97
RGB Percent	46%, 16%, 38%
CMY	0.5412, 0.8353, 0.6196
CMYK	0.00, 0.64, 0.17, 0.54
HSL	316°, 47%, 31%
HSV	316°, 64%, 46%
XYZ	10.3218, 6.3009, 11.9814
YIQ	70.6950, 27.0450, 33.0050

# Conversions

## Conversions Part 2

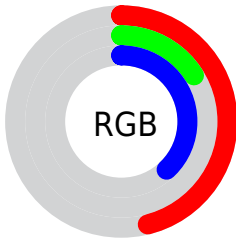
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 42, 97
Decimal	7678561
CIE Lab	30.16, 39.59, -16.25
CIE LCh	30, 42.793, 337.675
Yxy	6.3009, 0.3608, 0.2203
Android (android.graphics.Color)	4285868641 (0xFF752A61)
YUV	70.6950, 12.9684, 40.6095
Hunter-Lab	25.1016, 29.4712, -10.7290

# Details

The Hex color **752A61** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A753E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AB5C94**, and **420032** is the 20% darker color. If you saturate the color by 10%, you get **751E5E**, and if you desaturate by 10%, it is **753664**.

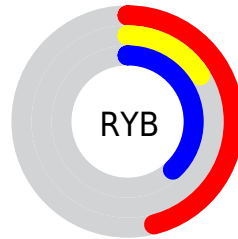
# Distribution



Red (46%)

Green (16%)

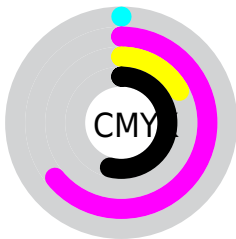
Blue (38%)



Red (46%)

Yellow (16%)

Blue (38%)

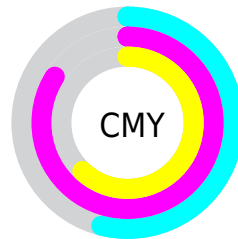


Cyan (0%)

Magenta (64%)

Yellow (17%)

Black (54%)



Cyan (54%)

Magenta (84%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752A61 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 752A61 by changing the saturation by 10% instead.



 752A61

 752A61

FFFFFF

 5B0E49

 AB5C94

 420032

 C776AE

 2D001E

 E491CA

 000000

 FFACE6

 FFC8FF

 FFE4FF

 752A61

 752A61

 751E5E

 753664

■ 75135B

■ 754167

■ 750758

■ 754D6A

■ 750056

■ 75596D

■ 756571

■ 757074

■ 757C77

■ 75887A

■ 75937D

# Harmonies

## Analogous

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



523A7C



752A61



822340

# Triad

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



752A61



4F4800



00556F

# Complementary

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



752A61



2A753E

# 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.



00564F



752A61



2B500A

# Square

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



752A61



6A3C02



00552C



005185

# Rectangle

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



752A61



80282A



00552C



005665



# Sweetspot

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



752A61



997C91



3E2A75



4D3B48



CCCCCC



4D4D4D



# Same Dimension

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



752A61



99237A



752A3C



3B3539



7A005A



FA00B7



# Inverse Universe

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



752A61



99237A



2A7563



3B3539



7A005A

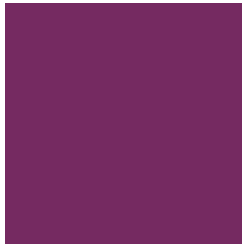


FA00B7



# Previews

## White Background



This preview shows how the Hex color 752A61 looks on a white background.

## Color Contrast Check

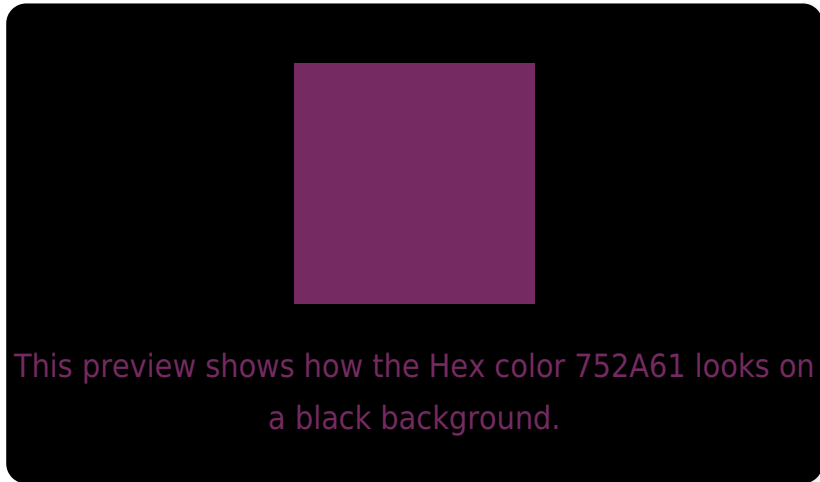
Large Text (above 18pt) WCAG AA ✓ Pass

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

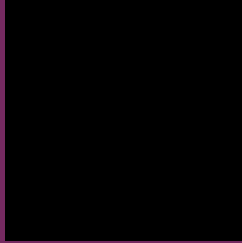
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752A61 Background



This preview shows how black text looks on a background with the Hex color 752A61.

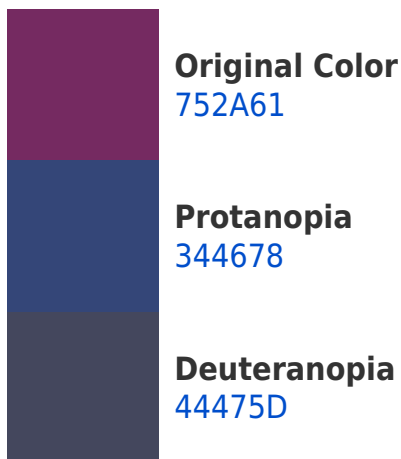



This preview shows how white text looks on a background with the Hex color 752A61.

# 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**  
713538

# Trichromacy



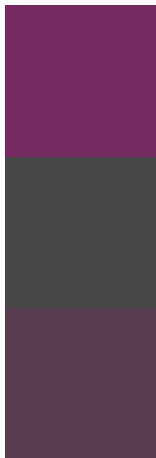
**Original Color**  
752A61

**Protanomaly**  
4C3C70

**Deuteranomaly**  
563C5E

**Tritanomaly**  
723147

# Monochromacy



**Original Color**  
752A61

**Achromatopsia**  
474747

**Achromatomaly**  
583C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752A61 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 #752A61 looks like.

```
.text, #text, p{  
    color:#752A61  
}
```

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 #752A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752A61
}
```

## Border

The CSS property to change the border of an element to Hex 752A61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

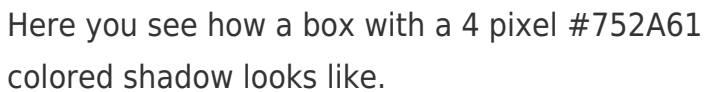
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752A61 }
```

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

```
.border{ border-color:#752A61 }
```

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



Here you see how a box with a 4 pixel #752A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752A61; -webkit-box-shadow:4px 4px  
4px 4px #752A61; box-shadow:4px 4px 4px  
4px #752A61 }
```

# Background

The CSS property to change the background color of an element to Hex 752A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752A61 }
```

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

```
.background{ background-color:#752A61 }
```

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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