

# Converting Colors

Hex(752C85)

Have a look what the booklet for  
Hex(752C85) contains.

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**Color**

**Hex(752C85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752C85
RGB	117, 44, 133
RGB Percent	46%, 17%, 52%
CMY	0.5412, 0.8275, 0.4784
CMYK	0.12, 0.67, 0.00, 0.48
HSL	289°, 50%, 35%
HSV	289°, 67%, 52%
XYZ	12.4704, 7.2767, 22.9376
YIQ	75.9730, 14.9390, 43.1550

# Conversions

## Conversions Part 2

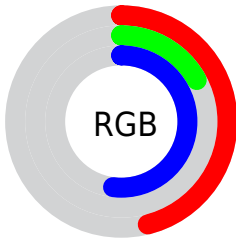
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 44, 133
Decimal	7679109
CIE <sub>Lab</sub>	32.43, 45.32, -35.51
CIE <sub>LCh</sub>	32, 57.575, 321.926
Yxy	7.2767, 0.2922, 0.1705
Android (android.graphics.Color)	4285869189 (0xFF752C85)
YUV	75.9730, 28.1143, 35.9807
Hunter-Lab	26.9754, 35.3116, -31.5324

# Details

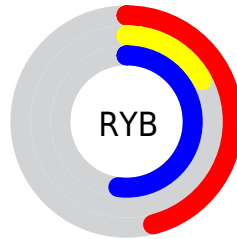
The Hex color **752C85** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3C852C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AC5FBB**, and **410053** is the 20% darker color. If you saturate the color by 10%, you get **731F85**, and if you desaturate by 10%, it is **773985**.

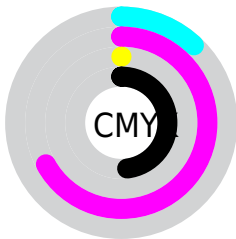
# Distribution



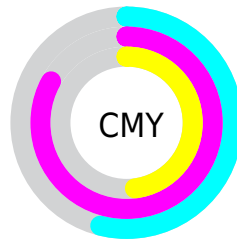
- Red (46%)
- Green (17%)
- Blue (52%)



- Red (46%)
- Yellow (17%)
- Blue (52%)



- Cyan (12%)
- Magenta (67%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (83%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752C85 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 752C85 by changing the saturation by 10% instead.



 752C85

 752C85

FFFFFF

 5B106B

 AC5FBB

 410053

 C879D7

 2A003B

 E594F3

 050025

 FFB0FF

 00000D

 FFC0FF

 000000

 FFE8FF

 752C85

 752C85

 731F85

 773985

701185

7A4785

6E0485

7C5485

6D0085

7F6185

816F85

837C85

868985

889685

8BA485

# Harmonies

## Analogous

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



2046A2



752C85



95085B

# Triad

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



752C85



684600



005F6D

# Complementary

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



752C85



3C852C

# 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.



005E3E



752C85



3F5400

# Square

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



752C85



873000



005B0A



005D94

# Rectangle

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



752C85



9A043C



005B0A



005F5E



# Sweetspot

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



752C85



A78BAD



2C3C85



534257



D6D6D6



575757



# Same Dimension

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



752C85



9423AD



852C69



413C42



6B0082



020003



# Inverse Universe

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



852C3C



AD233C



2C8548



423C3D



820017



030000



# Previews

## White Background



This preview shows how the Hex color 752C85 looks on a white background.

## Color Contrast Check

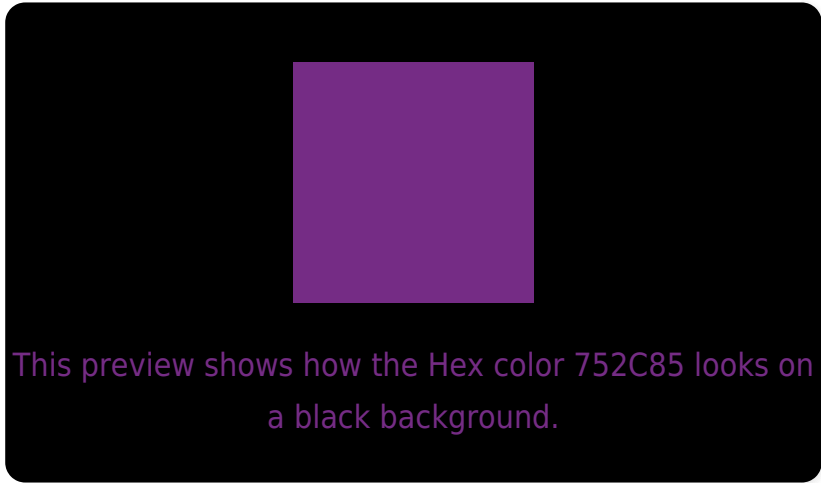
Large Text (above 18pt) WCAG AA ✓ Pass

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

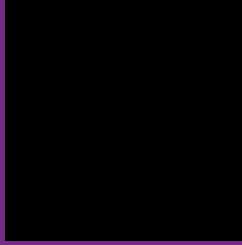
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752C85 Background



This preview shows how black text looks on a background with the Hex color 752C85.

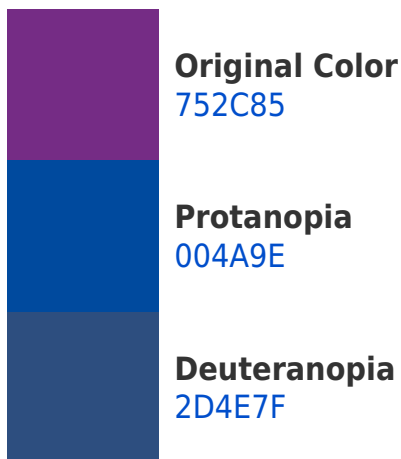


This preview shows how white text looks on a background with the Hex color 752C85.

# 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**  
6C4045

# Trichromacy



**Original Color**  
752C85



**Protanomaly**  
2B3F95



**Deuteranomaly**  
474281



**Tritanomaly**  
6F395C

# Monochromacy



**Original Color**  
752C85



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
5B4061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752C85 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 #752C85 looks like.

```
.text, #text, p{  
    color:#752C85  
}
```

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 #752C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752C85
}
```

## Border

The CSS property to change the border of an element to Hex 752C85 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
#752C85 }
```

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

```
.border{ border-color:#752C85 }
```

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

Here you see how a box with a 4 pixel #752C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752C85; -webkit-box-shadow:4px 4px  
4px 4px #752C85; box-shadow:4px 4px 4px  
4px #752C85 }
```

# Background

The CSS property to change the background color of an element to Hex 752C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752C85 }
```

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

```
.background{ background-color:#752C85 }
```

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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