

# Converting Colors

Hex(752375)

Have a look what the booklet for  
Hex(752375) contains.

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**Color**

**Hex(752375)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752375
RGB	117, 35, 117
RGB Percent	46%, 14%, 46%
CMY	0.5412, 0.8627, 0.5412
CMYK	0.00, 0.70, 0.00, 0.54
HSL	300°, 54%, 30%
HSV	300°, 70%, 46%
XYZ	11.1480, 6.2683, 17.4520
YIQ	68.8660, 22.5500, 42.8860

# Conversions

## Conversions Part 2

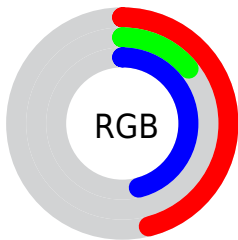
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 35, 117
Decimal	7676789
CIE <sub>Lab</sub>	30.08, 46.13, -29.19
CIE <sub>LCh</sub>	30, 54.592, 327.674
Yxy	6.2683, 0.3197, 0.1798
Android (android.graphics.Color)	4285866869 (0xFF752375)
YUV	68.8660, 23.7301, 42.2135
Hunter-Lab	25.0366, 35.6664, -23.8029

# Details

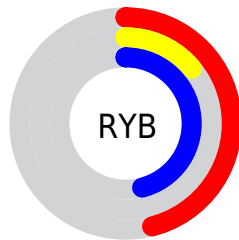
The Hex color **752375** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **237523**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AC57AA**, and **410044** is the 20% darker color. If you saturate the color by 10%, you get **751775**, and if you desaturate by 10%, it is **752F75**.

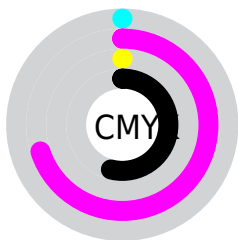
# Distribution



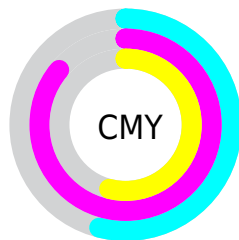
- Red (46%)
- Green (14%)
- Blue (46%)



- Red (46%)
- Yellow (14%)
- Blue (46%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752375 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 752375 by changing the saturation by 10% instead.



752375

752375

FFFFFF

5B015C

AC57AA

410044

C872C5

2C002E

E58CE1

000018

FFA8FE

000000

FFC3FF

FFE0FF

FFFDFF

752375

752375

 751775

 752F75

 750C75

 753A75

 750075

 754675

 755275

 755E75

 756975

 757575

 758175

 758C75

# Harmonies

## Analogous

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



373D93



752375



8D044C

# Triad

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



752375



5A4400



00596D

# Complementary

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



752375



237523

# 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.



005842



752375



315000

# Square

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



752375



7A3100



005614



00568F

# Rectangle

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



752375



8F0A30



005614



005960



# Sweetspot

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



752375



997999



232375



4D394D



CCCCCC



4D4D4D



# Same Dimension

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



752375



991899



75234C



3B353B



7A007A



FA00FA



# Inverse Universe

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



752375



991899



23754C



3B353B



7A007A

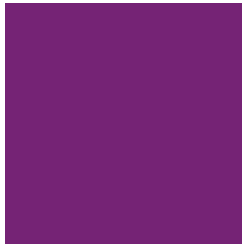


FA00FA



# Previews

## White Background



This preview shows how the Hex color 752375 looks on a white background.

## Color Contrast Check

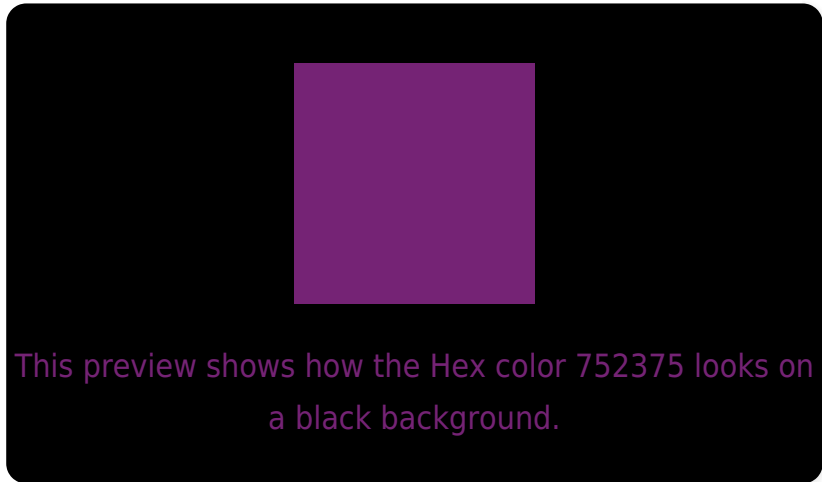
Large Text (above 18pt) WCAG AA ✓ Pass

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

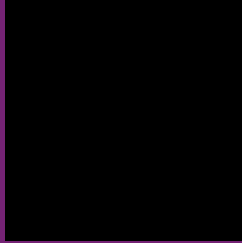
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752375 Background



This preview shows how black text looks on a background with the Hex color 752375.

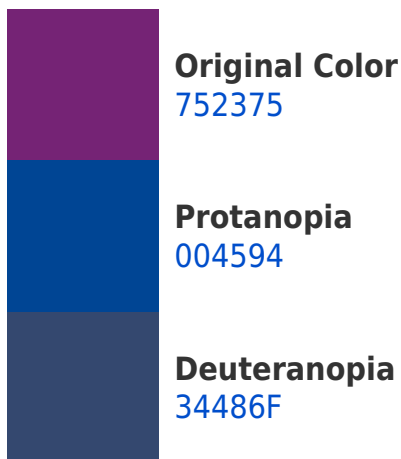



This preview shows how white text looks on a background with the Hex color 752375.

# 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](#).

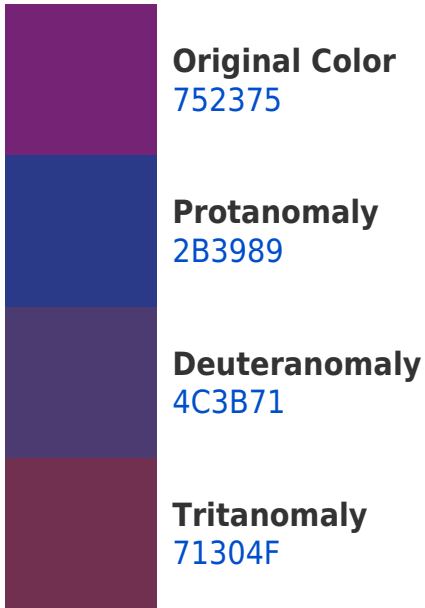
## Dichromacy



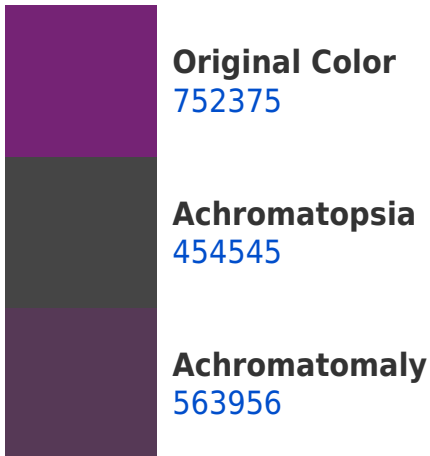


**Tritanopia**  
6E373A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752375 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 #752375 looks like.

```
.text, #text, p{  
    color:#752375  
}
```

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 #752375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752375
}
```

## Border

The CSS property to change the border of an element to Hex 752375 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".

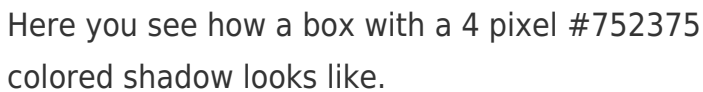
```
.border, #border, table{ border:4px solid
#752375 }
```

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

```
.border{ border-color:#752375 }
```

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

Here you see how a box with a 4 pixel #752375 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752375; -webkit-box-shadow:4px 4px  
4px 4px #752375; box-shadow:4px 4px 4px  
4px #752375 }
```

# Background

The CSS property to change the background color of an element to Hex 752375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752375 }
```

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

```
.background{ background-color:#752375 }
```

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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