

# Converting Colors

Hex(752EB4)

Have a look what the booklet for  
Hex(752EB4) contains.

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# Color

Hex(752EB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	752EB4
RGB	117, 46, 180
RGB Percent	46%, 18%, 71%
CMY	0.5412, 0.8196, 0.2941
CMYK	0.35, 0.74, 0.00, 0.29
HSL	272°, 59%, 44%
HSV	272°, 74%, 71%
XYZ	16.5513, 9.0312, 44.0509
YIQ	82.5050, -0.6980, 56.7260

# Conversions

## Conversions Part 2

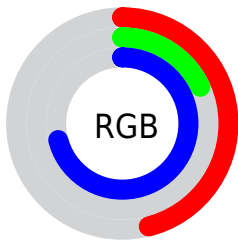
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 46, 180
Decimal	7679668
CIELab	36.04, 54.88, -58.19
CIElCh	36, 79.989, 313.326
Yxy	9.0312, 0.2377, 0.1297
Android (android.graphics.Color)	4285869748 (0xFF752EB4)
YUV	82.5050, 48.0650, 30.2521
Hunter-Lab	30.0519, 45.7194, -65.8724

# Details

The Hex color **752EB4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6DB42E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AE63ED**, and **3C007E** is the 20% darker color. If you saturate the color by 10%, you get **6D1CB4**, and if you desaturate by 10%, it is **7D40B4**.

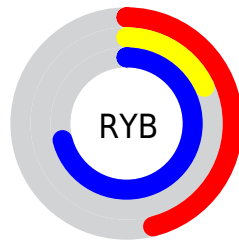
# Distribution



Red (46%)

Green (18%)

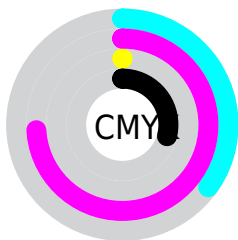
Blue (71%)



Red (46%)

Yellow (18%)

Blue (71%)

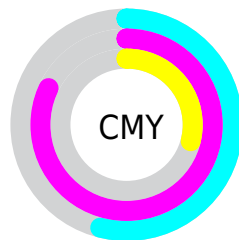


Cyan (35%)

Magenta (74%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (82%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752EB4 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 752EB4 by changing the saturation by 10% instead.



 752EB4

 752EB4

FFFFFF

 590F99

 AE63ED

 3C007E

 CB7DFF

 1D0064

 E898FF

 00004C

 FFB4FF

 000434

 FFD0FF

 00021E

 FFEDFF

 000000

 752EB4

 752EB4

 6D1CB4

 7D40B4

640AB4

8652B4

5F00B4

8E64B4

9776B4

9F88B4

A89AB4

B0ACB4

B9BEB4

C1D0B4

# Harmonies

## Analogous

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



0055D5



752EB4



B0007B

# Triad

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



752EB4



854400



006D71

# Complementary

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



752EB4



6DB42E

# 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.



006B2D



752EB4



4E5B00

# Square

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



752EB4



AC0B00



006600



006DAD

# Rectangle

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



752EB4



BE0051



006600



006D5B



# Sweetspot

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



752EB4



D2B7EB



2E6FB4



675775



F5F5F5



757575



# Same Dimension

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



752EB4



881AEB



B42EB2



555059



510099



0E001A



# Inverse Universe

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



B42E6D



EB1A7C



2EB430



595055



990048

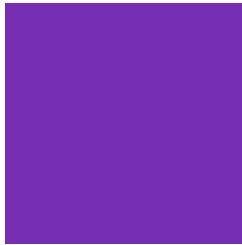


1A000C



# Previews

## White Background



This preview shows how the Hex color 752EB4 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

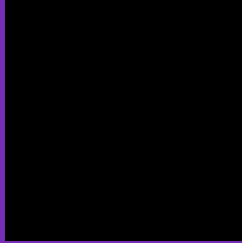
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752EB4 Background



This preview shows how black text looks on a background with the Hex color 752EB4.

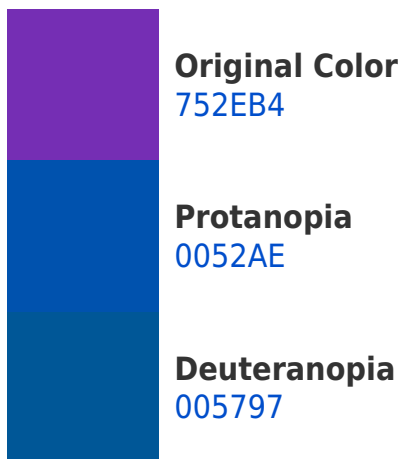



This preview shows how white text looks on a background with the Hex color 752EB4.

# 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](#).

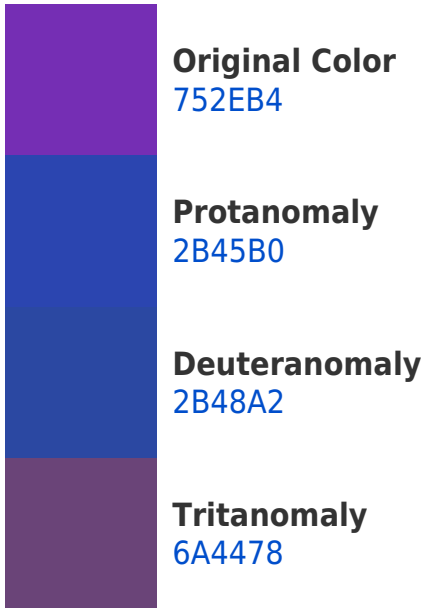
## Dichromacy



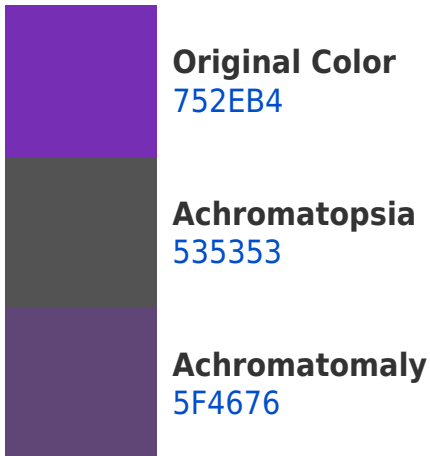


**Tritanopia**  
635056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752EB4 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 #752EB4 looks like.

```
.text, #text, p{  
    color:#752EB4  
}
```

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 #752EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752EB4
}
```

## Border

The CSS property to change the border of an element to Hex 752EB4 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
#752EB4 }
```

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

```
.border{ border-color:#752EB4 }
```

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

Here you see how a box with a 4 pixel #752EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752EB4; -webkit-box-shadow:4px 4px  
4px 4px #752EB4; box-shadow:4px 4px 4px  
4px #752EB4 }
```

# Background

The CSS property to change the background color of an element to Hex 752EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752EB4 }
```

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

```
.background{ background-color:#752EB4 }
```

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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