

# Converting Colors

Decimal(7552719)

Have a look what the booklet for  
Decimal(7552719) contains.

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**Color**

**Decimal(7552719)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	733ECF
RGB	115, 62, 207
RGB Percent	45%, 24%, 81%
CMY	0.5490, 0.7569, 0.1882
CMYK	0.44, 0.70, 0.00, 0.19
HSL	262°, 60%, 53%
HSV	262°, 70%, 81%
XYZ	20.0553, 11.5951, 60.2125
YIQ	94.3770, -14.9570, 56.3310

# Conversions

## Conversions Part 2

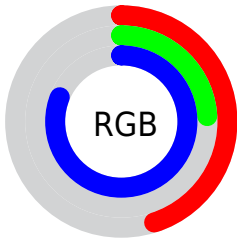
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	115, 62, 207
Decimal	7552719
CIE <sub>Lab</sub>	40.57, 53.85, -66.64
CIE <sub>LCh</sub>	41, 85.677, 308.945
Yxy	11.5951, 0.2183, 0.1262
Android (android.graphics.Color)	4285742799 (0xFF733ECF)
YUV	94.3770, 55.5231, 18.0864
Hunter-Lab	34.0516, 45.5409, -81.0050

# Details

The Decimal color **7552719** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **10145598**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **11367167**, and **3540375** is the 20% darker color. If you saturate the color by 10%, you get **6695375**, and if you desaturate by 10%, it is **8410063**.

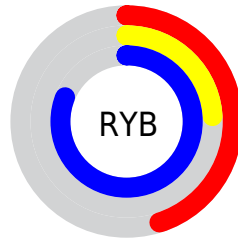
# Distribution



Red (45%)

Green (24%)

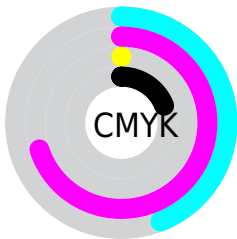
Blue (81%)



Red (45%)

Yellow (24%)

Blue (81%)

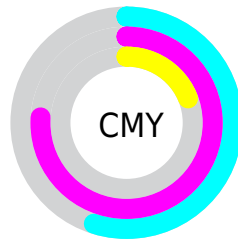


Cyan (44%)

Magenta (70%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (76%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7552719 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 Decimal color 7552719 by changing the saturation by 10% instead.





7552719



7552719

16777215



5579955



11367167



3540375



13339903



589949



15312895



99



16761855



74



16769279



1074



16776703



540



0



7552719



7552719

■ 6695375

■ 8410063

■ 5838287

■ 9267151

■ 4980943

■ 10124495

■ 11047375

■ 11904719

■ 12761807

■ 13619151

■ 14476495

■ 15333583

# Harmonies

## Analogous

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



25838



7552719



12451988

# Triad

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



7552719



10242048



31348

# Complementary

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



7552719



10145598

# 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.



30760



7552719



6513664

# Square

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



7552719



12845059



29184



31416

# Rectangle

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



7552719



13697126



29184



31323



# Sweetspot

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



7552719



14535167



4103375



7037056



0



8421504



# Same Dimension

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



7552719



7809535



12140239



6446697



4063400



983081



# Inverse Universe

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



13581978



16722353



5558078



6905445



11010155



2687002



# Previews

## White Background



This preview shows how the Decimal color 7552719 looks on a white background.

## Color Contrast Check

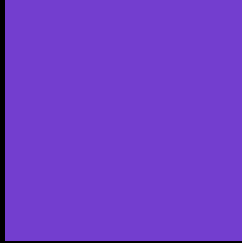
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7552719 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

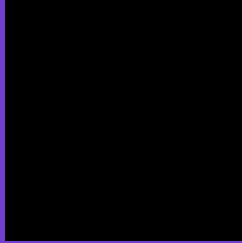
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7552719 Background



This preview shows how black text looks on a background with the Decimal color 7552719.

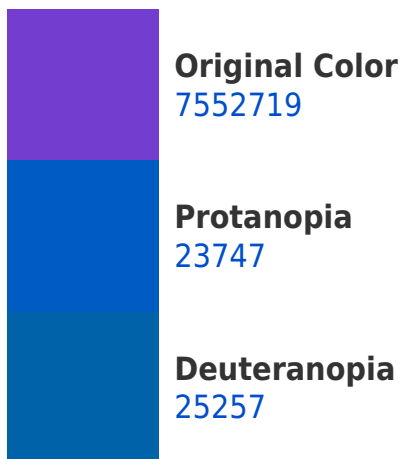


This preview shows how white text looks on a background with the Decimal color 7552719.

# 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**  
5922920

# Trichromacy



**Original Color**  
7552719



**Protanomaly**  
2773447



**Deuteranomaly**  
2774455



**Tritanomaly**  
6509709

# Monochromacy



**Original Color**  
7552719



**Achromatopsia**  
6184542



**Achromatomaly**  
6705799

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7552719 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 #733ECF looks like.

```
.text, #text, p{  
    color:#733ECF  
}
```

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 #733ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733ECF
}
```

## Border

The CSS property to change the border of an element to Decimal 7552719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

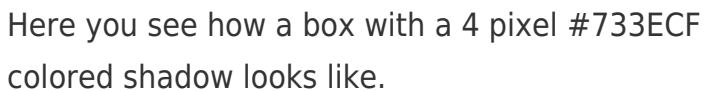
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733ECF }
```

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

```
.border{ border-color:#733ECF }
```

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



Here you see how a box with a 4 pixel #733ECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733ECF; -webkit-box-shadow:4px 4px  
4px 4px #733ECF; box-shadow:4px 4px 4px  
4px #733ECF }
```

# Background

The CSS property to change the background color of an element to Decimal 7552719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733ECF }
```

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

```
.background{ background-color:#733ECF }
```

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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