

Converting Colors

Decimal(7559590)

Have a look what the booklet for
Decimal(7559590) contains.

Decimal(7559590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7559590)

Conversions

Conversions Part 1

Format	Color
Hex	7359A6
RGB	115, 89, 166
RGB Percent	45%, 35%, 65%
CMY	0.5490, 0.6510, 0.3490
CMYK	0.31, 0.46, 0.00, 0.35
HSL	260°, 30%, 50%
HSV	260°, 46%, 65%
XYZ	17.5255, 13.5428, 37.7667
YIQ	105.5520, -9.2210, 29.4590

Conversions

Conversions Part 2

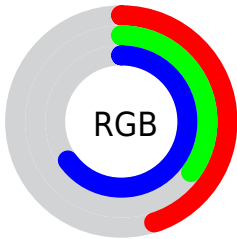
Format	Color
R_{YB}	115, 89, 166
Decimal	7559590
CIE _{Lab}	43.57, 27.82, -37.82
CIE _{LCh}	44, 46.946, 306.340
Yxy	13.5428, 0.2546, 0.1967
Android (android.graphics.Color)	4285749670 (0xFF7359A6)
YUV	105.5520, 29.8009, 8.2859
Hunter-Lab	36.8005, 20.6064, -35.0863

Details

The Decimal color **7559590** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9217625**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **11111390**, and **4139890** is the 20% darker color. If you saturate the color by 10%, you get **6834342**, and if you desaturate by 10%, it is **8284838**.

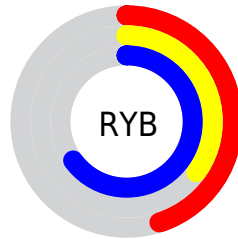
Distribution



Red (45%)

Green (35%)

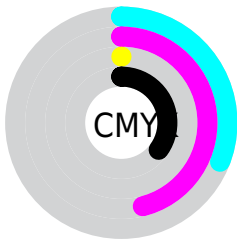
Blue (65%)



Red (45%)

Yellow (35%)

Blue (65%)

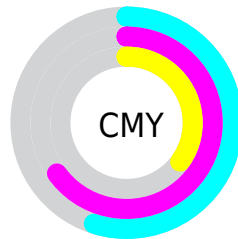


Cyan (31%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7559590 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 7559590 by changing the saturation by 10% instead.

■ 7559590

■ 7559590

16777215

■ 5849483

■ 11111390

■ 4139890

■ 12953338

■ 2495833

■ 14795263

■ 786497

■ 16768511

■ 810

■ 16775935

■ 276

■ 0

■ 7559590

■ 7559590

■ 6834342

■ 8284838

6109350

9009830

5384102

9735078

4659110

10460070

3933862

11185318

3670182

11910566

12635558

13360806

14085798

Harmonies

Analogous

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



1534389



7559590



10242439

Triad

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



7559590



9656604



31086

Complementary

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



7559590



9217625

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.



30534



7559590



7563278

Square

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



7559590



11029051



4878883



30868

Rectangle

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



7559590



11158125



4878883



31073

Sweetspot

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



7559590



12958425



5868710



6380398



15592941



7237230

Same Dimension

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



7559590



8937433



10049958



5196884



3276948



458772

Inverse Universe

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



10901900



14245808



6727257



5524561



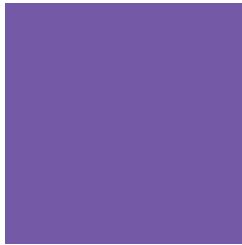
9699426



1310734

Previews

White Background



This preview shows how the Decimal color 7559590 looks on a white background.

Color Contrast Check

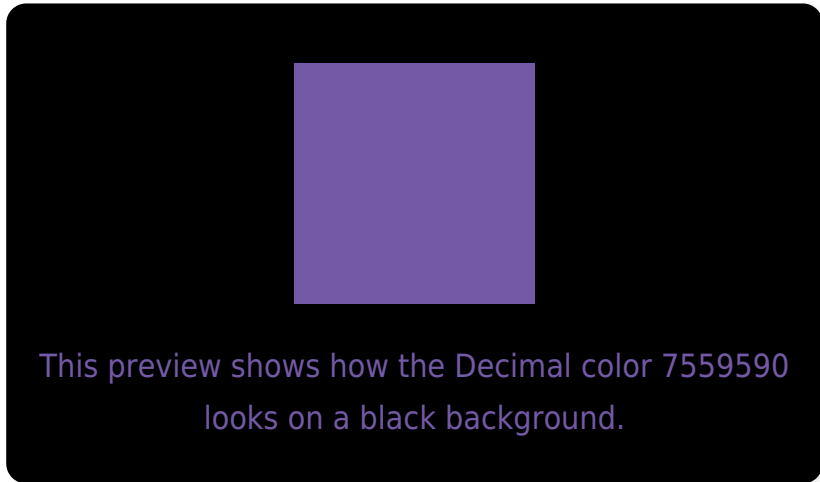
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

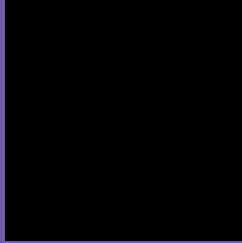
Any Text WCAG AA × Fail

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 7559590 Background



This preview shows how black text looks on a background with the Decimal color 7559590.




This preview shows how white text looks on a background with the Decimal color 7559590.

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
6841966

Trichromacy



Original Color
7559590

Protanomaly
5661101

Deuteranomaly
5661348

Tritanomaly
7102850

Monochromacy



Original Color
7559590

Achromatopsia
6974058

Achromatomaly
7169152

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7559590 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 #7359A6 looks like.

```
.text, #text, p{  
    color:#7359A6  
}
```

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 #7359A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7359A6
}
```

Border

The CSS property to change the border of an element to Decimal 7559590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

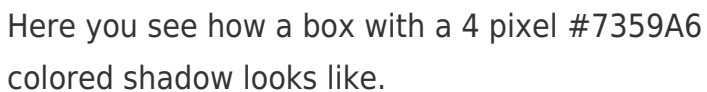
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7359A6 }
```

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

```
.border{ border-color:#7359A6 }
```

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



Here you see how a box with a 4 pixel #7359A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7359A6; -webkit-box-shadow:4px 4px  
4px 4px #7359A6; box-shadow:4px 4px 4px  
4px #7359A6 }
```

Background

The CSS property to change the background color of an element to Decimal 7559590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7359A6 }
```

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

```
.background{ background-color:#7359A6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor