

Converting Colors

Decimal(7689877)

Have a look what the booklet for
Decimal(7689877) contains.

Decimal(7689877)	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(7689877)

Conversions

Conversions Part 1

Format	Color
Hex	755695
RGB	117, 86, 149
RGB Percent	46%, 34%, 58%
CMY	0.5412, 0.6627, 0.4157
CMYK	0.21, 0.42, 0.00, 0.42
HSL	270°, 27%, 46%
HSV	270°, 42%, 58%
XYZ	16.0887, 12.6074, 30.0193
YIQ	102.4510, -1.7470, 26.1650

Conversions

Conversions Part 2

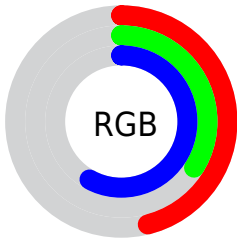
Format	Color
R_{YB}	117, 86, 149
Decimal	7689877
CIE _{Lab}	42.17, 25.87, -29.88
CIE _{LCh}	42, 39.528, 310.885
Y _{xy}	12.6074, 0.2740, 0.2147
Android (android.graphics.Color)	4285879957 (0xFF755695)
YUV	102.4510, 22.9487, 12.7595
Hunter-Lab	35.5069, 18.7440, -25.2718

Details

The Decimal color **7689877** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7771478**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **11176139**, and **4401250** is the 20% darker color. If you saturate the color by 10%, you get **7161749**, and if you desaturate by 10%, it is **8218005**.

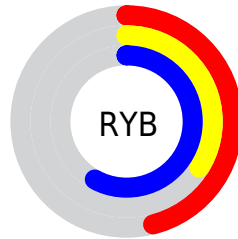
Distribution



Red (46%)

Green (34%)

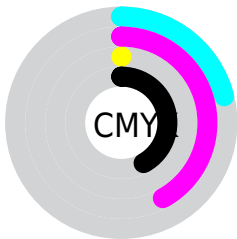
Blue (58%)



Red (46%)

Yellow (34%)

Blue (58%)

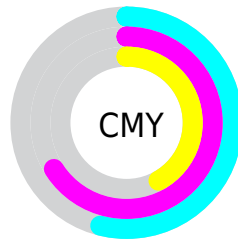


Cyan (21%)

Magenta (42%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (66%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7689877 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 7689877 by changing the saturation by 10% instead.

■ 7689877

■ 7689877

16777215

■ 6045307

■ 11176139

■ 4401250

■ 13018088

■ 2822730

■ 14860031

■ 1507379

■ 16767743

■ 541

■ 16774911

■ 0

■ 7689877

■ 7689877

■ 7161749

■ 8218005

■ 6699157

■ 8680597

6171029

9208725

5708437

9671317

5180309

10199445

4784277

10661781

11189909

11718037

12180629

Harmonies

Analogous

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



4088740



7689877



9718394

Triad

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



7689877



8870436



29807

Complementary

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



7689877



7771478

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.



94797



7689877



6972959

Square

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



7689877



10112570



4681264



29325

Rectangle

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



7689877



10372708



4681264



29539

Sweetspot

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



7689877



11905474



5666709



5853537



14737632



6381921

Same Dimension

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



7689877



9461698



9721493



4604746



4456586



327690

Inverse Universe

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



9786998



12738449



5739862



4866886



9044038



655365

Previews

White Background



This preview shows how the Decimal color 7689877 looks on a white background.

Color Contrast Check

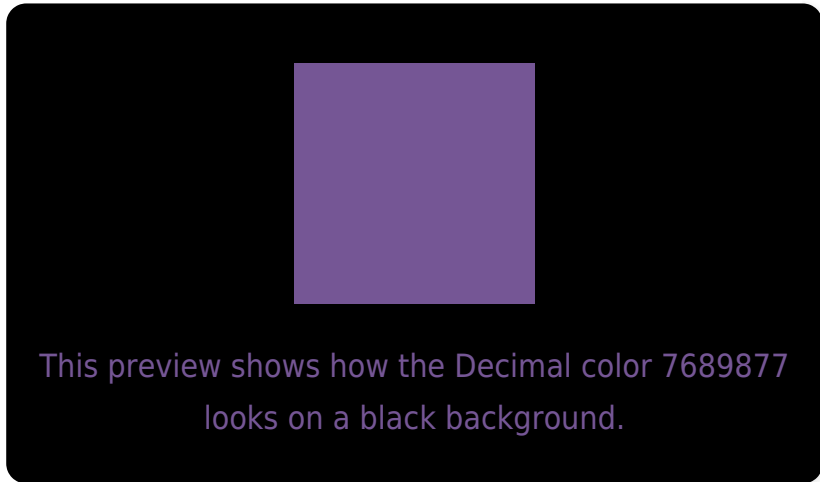
Large Text (above 18pt) WCAG AA ✓ Pass

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 7689877 Background



This preview shows how black text looks on a background with the Decimal color 7689877.




This preview shows how white text looks on a background with the Decimal color 7689877.

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
7168104

Trichromacy



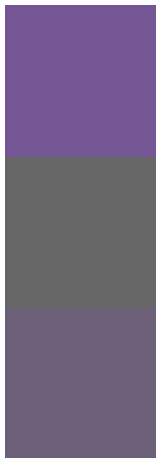
Original Color
7689877

Protanomaly
5987995

Deuteranomaly
6119059

Tritanomaly
7363704

Monochromacy



Original Color
7689877

Achromatopsia
6710886

Achromatomaly
7037047

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7689877 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 #755695 looks like.

```
.text, #text, p{  
    color:#755695  
}
```

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 #755695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755695
}
```

Border

The CSS property to change the border of an element to Decimal 7689877 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
#755695 }
```

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

```
.border{ border-color:#755695 }
```

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

Here you see how a box with a 4 pixel #755695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755695; -webkit-box-shadow:4px 4px  
4px 4px #755695; box-shadow:4px 4px 4px  
4px #755695 }
```

Background

The CSS property to change the background color of an element to Decimal 7689877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755695 }
```

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

```
.background{ background-color:#755695 }
```

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