

Converting Colors

Decimal(7709797)

Have a look what the booklet for
Decimal(7709797) contains.

Decimal(7709797)	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(7709797)

Conversions

Conversions Part 1

Format	Color
Hex	75A465
RGB	117, 164, 101
RGB Percent	46%, 64%, 40%
CMY	0.5412, 0.3569, 0.6039
CMYK	0.29, 0.00, 0.38, 0.36
HSL	105°, 26%, 52%
HSV	105°, 38%, 64%
XYZ	22.9605, 31.2724, 17.1379
YIQ	142.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

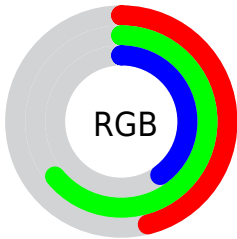
Format	Color
RYB	101, 164, 148
Decimal	7709797
CIELab	62.74, -27.98, 27.77
CIELCh	63, 39.423, 135.221
Yxy	31.2724, 0.3217, 0.4382
Android (android.graphics.Color)	4285899877 (0xFF75A465)
YUV	142.7650, -20.5901, -22.5959
Hunter-Lab	55.9217, -24.5739, 20.9750

Details

The Decimal color **7709797** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9725348**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **11262873**, and **4354101** is the 20% darker color. If you saturate the color by 10%, you get **6923349**, and if you desaturate by 10%, it is **8496245**.

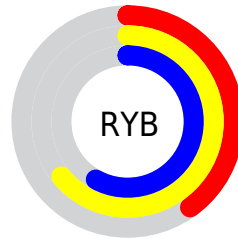
Distribution



Red (46%)

Green (64%)

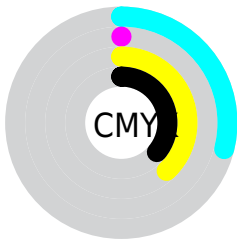
Blue (40%)



Red (40%)

Yellow (64%)

Blue (58%)

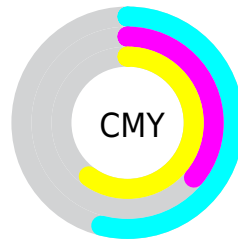


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7709797 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 7709797 by changing the saturation by 10% instead.

 7709797

 7709797

16777215

 5999180

 11262873

 4354101

 13039796

 2774814

 14942159

 999175

 16777196

 10496

 4352

 0

 7709797

 7709797

 6923349

 8496245

■ 6136900

■ 9282694

■ 5284916

■ 10134678

■ 4498467

■ 10921127

■ 3712019

■ 11707575

■ 2925571

■ 12494023

■ 2794496

■ 13346008

■ 14132456

■ 14918905

Harmonies

Analogous

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



10263379



7709797



4499845

Triad

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



7709797



3842267



14384263

Complementary

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



7709797



9725348

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.



13729451



7709797



8426971

Square

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



7709797



42952



11700425



13861992

Rectangle

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



7709797



436893



11700425



14318483

Sweetspot

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



7709797



12834492



10785637



6318940



15461355



7039851

Same Dimension

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



7709797



9295476



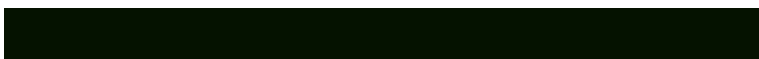
6661236



5001801



2461952



332288

Inverse Universe

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



9725348



12416214



10773909



5261650



7078033



851986

Previews

White Background



This preview shows how the Decimal color 7709797 looks on a white background.

Color Contrast Check

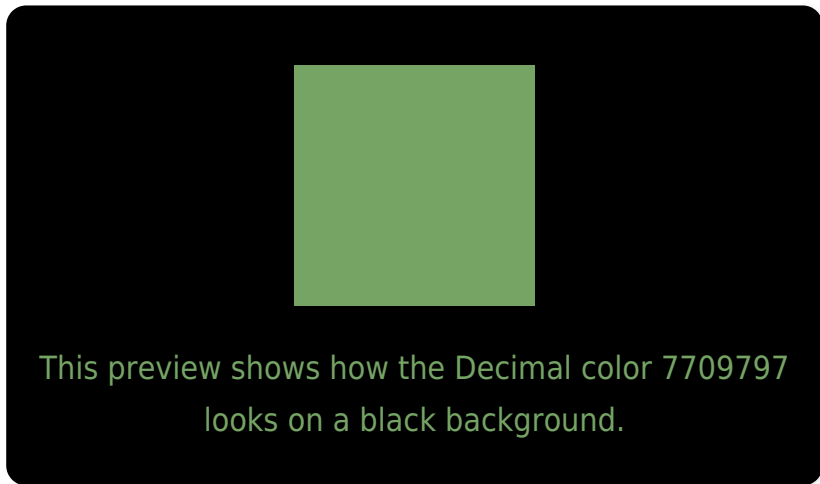
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

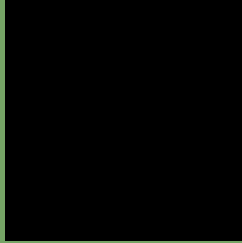
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 7709797 Background



This preview shows how black text looks on a background with the Decimal color 7709797.



This preview shows how white text looks on a background with the Decimal color 7709797.

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



Original Color
7709797

Protanopia
10852192

Deuteranopia
11833705



Tritanopia
8428712

Trichromacy



Original Color
7709797

Protanomaly
9739362

Deuteranomaly
10328168

Tritanomaly
8167312

Monochromacy



Original Color
7709797

Achromatopsia
9408399

Achromatomaly
8820608

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7709797 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 #75A465 looks like.

```
.text, #text, p{  
  color:#75A465  
}
```

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 #75A465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A465
}
```

Border

The CSS property to change the border of an element to Decimal 7709797 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
#75A465 }
```

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

```
.border{ border-color:#75A465 }
```

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

Here you see how a box with a 4 pixel #75A465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A465; -webkit-box-shadow:4px 4px  
4px 4px #75A465; box-shadow:4px 4px 4px  
4px #75A465 }
```

Background

The CSS property to change the background color of an element to Decimal 7709797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A465 }
```

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

```
.background{ background-color:#75A465 }
```

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