

Converting Colors

Decimal(7766675)

Have a look what the booklet for
Decimal(7766675) contains.

Decimal(7766675)	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(7766675)

Conversions

Conversions Part 1

Format	Color
Hex	768293
RGB	118, 130, 147
RGB Percent	46%, 51%, 58%
CMY	0.5373, 0.4902, 0.4235
CMYK	0.20, 0.12, 0.00, 0.42
HSL	215°, 12%, 52%
HSV	215°, 20%, 58%
XYZ	20.7203, 21.9234, 30.7433
YIQ	128.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

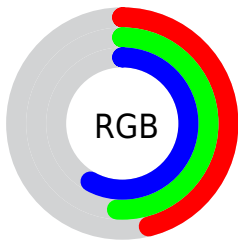
Format	Color
R_{YB}	118, 126, 147
Decimal	7766675
CIE _{Lab}	53.95, -0.57, -10.61
CIE _{LCh}	54, 10.627, 266.945
Yxy	21.9234, 0.2823, 0.2987
Android (android.graphics.Color)	4285956755 (0xFF768293)
YUV	128.3500, 9.1945, -9.0769
Hunter-Lab	46.8224, -2.9477, -6.1538

Details

The Decimal color **7766675** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9668470**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **11188169**, and **4542816** is the 20% darker color. If you saturate the color by 10%, you get **6781331**, and if you desaturate by 10%, it is **8752019**.

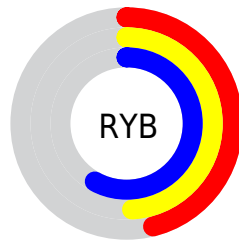
Distribution



Red (46%)

Green (51%)

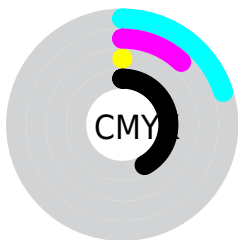
Blue (58%)



Red (46%)

Yellow (49%)

Blue (58%)

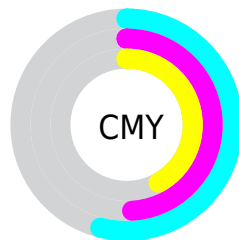


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7766675 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 7766675 by changing the saturation by 10% instead.

■ 7766675

■ 7766675

16777215

■ 6121849

■ 11188169

■ 4542816

■ 13030117

■ 3029577

■ 14872575

■ 1647666

■ 3869

■ 0

■ 7766675

■ 7766675

■ 6781331

■ 8752019

■ 5861779

■ 9671571

■ 4876435

■ 10656915

■ 3891347

■ 11642003

■ 2971539

■ 12561811

■ 1986195

■ 13547155

■ 1001107

■ 14532243

■ 15763

■ 15517587

■ 16437395

Harmonies

Analogous

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



7177616



7766675



8552337

Triad

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



7766675



9796473



7701879

Complementary

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



7766675



9668470

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.



8356721



7766675



9534834

Square

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



7766675



9665410



9011311



7177856

Rectangle

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



7766675



9010574



9011311



7898484

Sweetspot

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



7766675



11844031



7771015



5922145



14737632



6381921

Same Dimension

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



7766675



9544895



7894675



4408906



14730



1034

Inverse Universe

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



9664130



12554660



9540470



4866886



9044025



655364

Previews

White Background



This preview shows how the Decimal color 7766675 looks on a white background.

Color Contrast Check

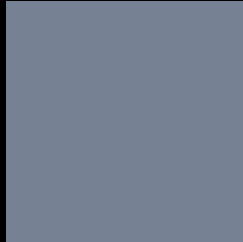
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 776675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

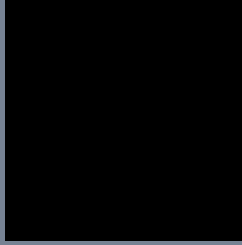
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

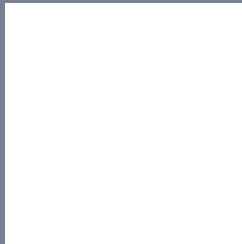
Any Text WCAG AAA × Fail

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

Decimal 7766675 Background



This preview shows how black text looks on a background with the Decimal color 7766675.



This preview shows how white text looks on a background with the Decimal color 7766675.

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

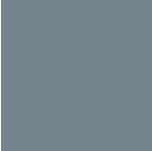
7766675

Protanopia

8290450

Deuteranopia

8683156



Tritanopia
7701389

Trichromacy



Original Color

7766675

Protanomaly

8094098

Deuteranomaly

8355732

Tritanomaly

7701391

Monochromacy



Original Color

7766675

Achromatopsia

8421504

Achromatomaly

8159623

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7766675 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 #768293 looks like.

```
.text, #text, p{  
  color:#768293  
}
```

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 #768293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768293
}
```

Border

The CSS property to change the border of an element to Decimal 7766675 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
#768293 }
```

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

```
.border{ border-color:#768293 }
```

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

Here you see how a box with a 4 pixel #768293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768293; -webkit-box-shadow:4px 4px  
4px 4px #768293; box-shadow:4px 4px 4px  
4px #768293 }
```

Background

The CSS property to change the background color of an element to Decimal 7766675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768293 }
```

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

```
.background{ background-color:#768293 }
```

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