

Converting Colors

Decimal(7766780)

Have a look what the booklet for
Decimal(7766780) contains.

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Color

Decimal(7766780)

Conversions

Conversions Part 1

Format	Color
Hex	7682FC
RGB	118, 130, 252
RGB Percent	46%, 51%, 99%
CMY	0.5373, 0.4902, 0.0118
CMYK	0.53, 0.48, 0.00, 0.01
HSL	235°, 96%, 73%
HSV	235°, 53%, 99%
XYZ	33.0245, 26.8451, 95.5365
YIQ	140.3200, -46.3140, 35.3980

Conversions

Conversions Part 2

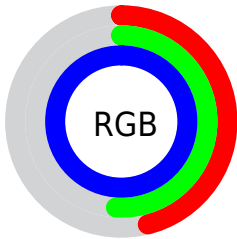
Format	Color
RYB	118, 129, 252
Decimal	7766780
CIELab	58.83, 28.96, -62.45
CIELCh	59, 68.840, 294.880
Yxy	26.8451, 0.2125, 0.1727
Android (android.graphics.Color)	4285956860 (0xFF7682FC)
YUV	140.3200, 55.0582, -19.5746
Hunter-Lab	51.8122, 23.1024, -73.0561

Details

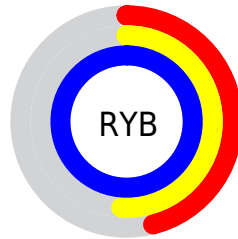
The Decimal color **7766780** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **16576630**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **11712511**, and **3494339** is the 20% darker color. If you saturate the color by 10%, you get **6122492**, and if you desaturate by 10%, it is **9411068**.

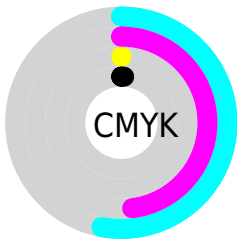
Distribution



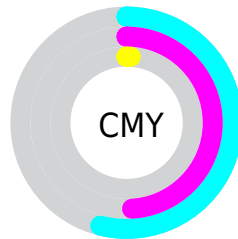
- Red (46%)
- Green (51%)
- Blue (99%)



- Red (46%)
- Yellow (51%)
- Blue (99%)



- Cyan (53%)
- Magenta (48%)
- Yellow (0%)
- Black (1%)



- Cyan (54%)
- Magenta (49%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7766780 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 7766780 by changing the saturation by 10% instead.

■ 7766780

■ 7766780

16777215

■ 5728735

■ 11712511

■ 3494339

■ 13685503

■ 15015

■ 15659007

■ 9612

■ 4978

■ 88

■ 1856

■ 809

■ 275

■ 7766780

■ 7766780

■ 6122492

■ 9411068

■ 4478204

■ 11055356

■ 2768380

■ 12765180

■ 1124092

■ 14409468

■ 6140

■ 16053756

16777212

Harmonies

Analogous

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



39167



7766780



13395412

Triad

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



7766780



14577191



43137

Complementary

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



7766780



16576630

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.



828227



7766780



11699968

Square

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



7766780



16143455



7969024



43455

Rectangle

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



7766780



15357103



7969024



42860

Sweetspot

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



7766780



14080767



7797999



6777216



0



8421504

Same Dimension

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



7766780



6056703



11302652



7369341



4541



1341

Inverse Universe

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



16545410



16735338



13040758



8220786



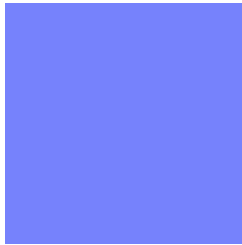
12386321



3997701

Previews

White Background



This preview shows how the Decimal color 7766780 looks on a white background.

Color Contrast Check

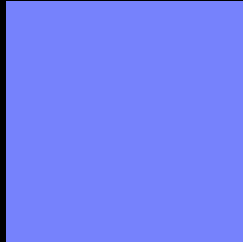
Large Text (above 18pt) WCAG AA ✓ Pass

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 7766780 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 7766780 Background



This preview shows how black text looks on a background with the Decimal color 7766780.

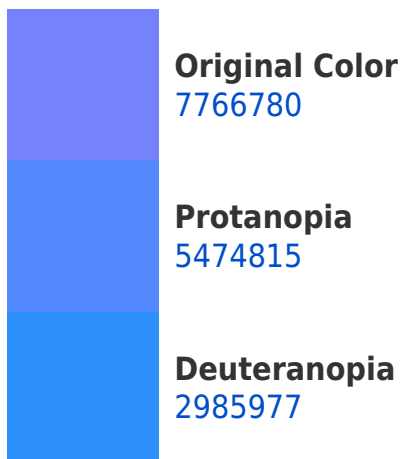


This preview shows how white text looks on a background with the Decimal color 7766780.

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](#).

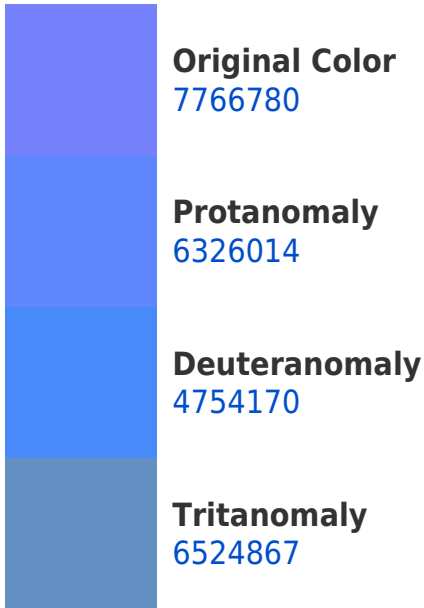
Dichromacy





Tritanopia
5805987

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7766780 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 #7682FC looks like.

```
.text, #text, p{  
    color:#7682FC  
}
```

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 #7682FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7682FC
}
```

Border

The CSS property to change the border of an element to Decimal 7766780 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
#7682FC }
```

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

```
.border{ border-color:#7682FC }
```

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

Here you see how a box with a 4 pixel #7682FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7682FC; -webkit-box-shadow:4px 4px  
4px 4px #7682FC; box-shadow:4px 4px 4px  
4px #7682FC }
```

Background

The CSS property to change the background color of an element to Decimal 7766780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7682FC }
```

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

```
.background{ background-color:#7682FC }
```

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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