

# Converting Colors

Decimal(7786998)

Have a look what the booklet for  
Decimal(7786998) contains.

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# **Color**

**Decimal(7786998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76D1F6
RGB	118, 209, 246
RGB Percent	46%, 82%, 96%
CMY	0.5373, 0.1804, 0.0353
CMYK	0.52, 0.15, 0.00, 0.04
HSL	197°, 88%, 71%
HSV	197°, 52%, 96%
XYZ	46.9062, 56.1063, 95.5462
YIQ	186.0090, -66.1130, -7.7850

# Conversions

## Conversions Part 2

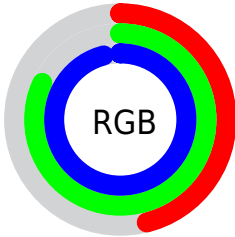
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 171, 246
Decimal	7786998
CIE Lab	79.67, -17.26, -26.52
CIE LCh	80, 31.645, 236.936
Yxy	56.1063, 0.2362, 0.2826
Android (android.graphics.Color)	4285977078 (0xFF76D1F6)
YUV	186.0090, 29.5756, -59.6439
Hunter-Lab	74.9041, -19.3025, -23.1962

# Details

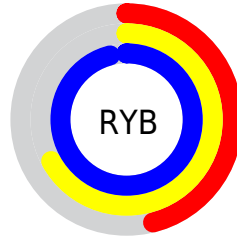
The Decimal color **7786998** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16161654**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **11665407**, and **3578558** is the 20% darker color. If you saturate the color by 10%, you get **6146806**, and if you desaturate by 10%, it is **9427190**.

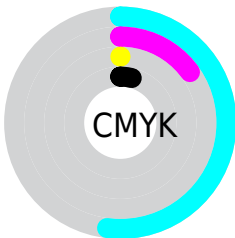
# Distribution



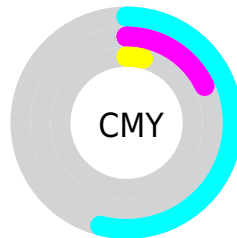
- Red (46%)
- Green (82%)
- Blue (96%)



- Red (46%)
- Yellow (67%)
- Blue (96%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (18%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7786998 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 7786998 by changing the saturation by 10% instead.



■ 7786998

■ 7786998

16777215

■ 5813721

■ 11665407

■ 3578558

■ 13631487

■ 32930

■ 15597567

■ 26504

■ 20335

■ 14422

■ 9023

■ 809

■ 275

■ 7786998

■ 7786998

■ 6146806

■ 9427190

■ 4572150

■ 11001846

■ 2931958

■ 12642038

■ 1357302

■ 14216694

■ 45046

■ 15857142

■ 16776438

■ 16777206

# Harmonies

## Analogous

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



7001567



7786998



10209791

# Triad

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



7786998



16625866



12569744

# Complementary

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



7786998



16161654

# 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.



14533515



7786998



16757164

# Square

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



7786998



15250918



16103829



10277540

# Rectangle

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



7786998



12108542



16103829



13224333

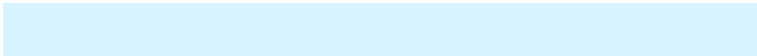


# Sweetspot

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



7786998



14087167



7796378



6781056



0



8421504



# Same Dimension

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



7786998



6410751



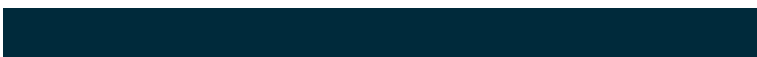
7770870



7239546



33978



10811



# Inverse Universe

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



16152273



16736721



16177782



8023671



12189828

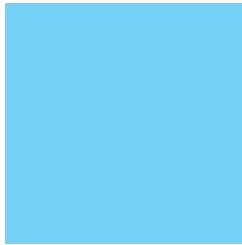


3866666



# Previews

## White Background



This preview shows how the Decimal color 7786998 looks on a white background.

## Color Contrast Check

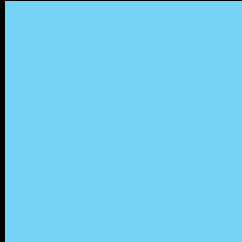
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7786998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

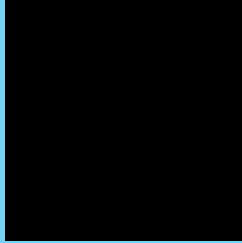
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7786998 Background



This preview shows how black text looks on a background with the Decimal color 7786998.



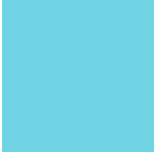
This preview shows how white text looks on a background with the Decimal color 7786998.

# 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**  
7394533

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7786998 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 #76D1F6 looks like.

```
.text, #text, p{  
    color:#76D1F6  
}
```

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 #76D1F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D1F6
}
```

## Border

The CSS property to change the border of an element to Decimal 7786998 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
#76D1F6 }
```

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

```
.border{ border-color:#76D1F6 }
```

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

Here you see how a box with a 4 pixel #76D1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D1F6; -webkit-box-shadow:4px 4px  
4px 4px #76D1F6; box-shadow:4px 4px 4px  
4px #76D1F6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7786998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D1F6 }
```

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

```
.background{ background-color:#76D1F6 }
```

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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