

Converting Colors

Decimal(7786482)

Have a look what the booklet for
Decimal(7786482) contains.

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Color

Decimal(7786482)

Conversions

Conversions Part 1

Format	Color
Hex	76CFF2
RGB	118, 207, 242
RGB Percent	46%, 81%, 95%
CMY	0.5373, 0.1882, 0.0510
CMYK	0.51, 0.14, 0.00, 0.05
HSL	197°, 83%, 71%
HSV	197°, 51%, 95%
XYZ	45.8110, 54.8880, 92.1843
YIQ	184.3790, -64.2790, -7.9830

Conversions

Conversions Part 2

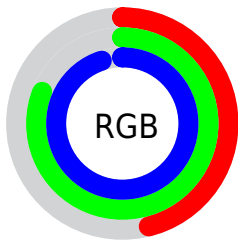
Format	Color
R _Y B	118, 170, 242
Decimal	7786482
CIE Lab	78.98, -17.36, -25.45
CIE LCh	79, 30.806, 235.706
Yxy	54.8880, 0.2375, 0.2846
Android (android.graphics.Color)	4285976562 (0xFF76CFF2)
YUV	184.3790, 28.4072, -58.2144
Hunter-Lab	74.0864, -19.2765, -21.9129

Details

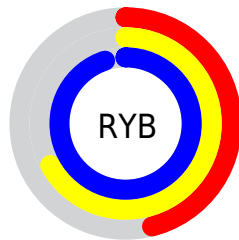
The Decimal color **7786482** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15898998**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **11665407**, and **3643834** is the 20% darker color. If you saturate the color by 10%, you get **6211826**, and if you desaturate by 10%, it is **9361138**.

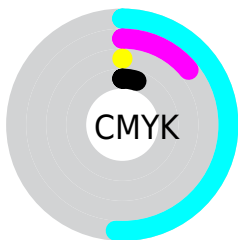
Distribution



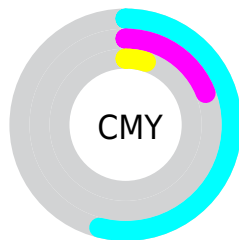
- Red (46%)
- Green (81%)
- Blue (95%)



- Red (46%)
- Yellow (67%)
- Blue (95%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7786482 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 7786482 by changing the saturation by 10% instead.

■ 7786482

■ 7786482

16777215

■ 5813206

■ 11665407

■ 3643834

■ 13565951

■ 98207

■ 15532031

■ 25989

■ 19819

■ 13907

■ 8508

■ 806

■ 271

■ 7786482

■ 7786482

■ 6211826

■ 9361138

■ 4637170

■ 10935794

■ 2997234

■ 12575730

■ 1422578

■ 14150386

■ 44786

■ 15725042

■ 16775410

■ 16777202

Harmonies

Analogous

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



7132123



7786482



10078204

Triad

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



7786482



16363465



12503439

Complementary

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



7786482



15898998

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.



14467211



7786482



16625836

Square

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



7786482



14988516



15906709



10342562

Rectangle

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



7786482



11911674



15906709



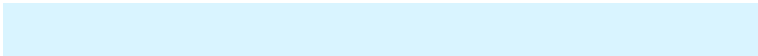
13223820

Sweetspot

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



7786482



14284031



7795351



6912384



0



8421504

Same Dimension

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



7786482



6542335



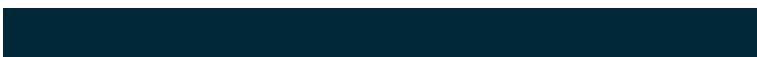
7771122



7107704



33976



10296

Inverse Universe

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



15890127



16737235



15914358



7892084



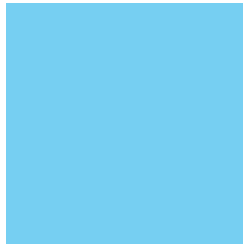
12058756



3670056

Previews

White Background



This preview shows how the Decimal color 7786482 looks on a white background.

Color Contrast Check

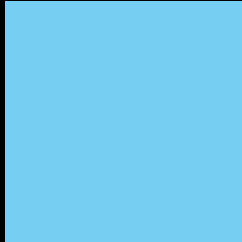
Large Text (above 18pt) WCAG AA × Fail

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 7786482 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 7786482 Background



This preview shows how black text looks on a background with the Decimal color 7786482.



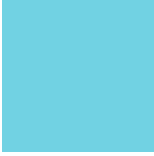
This preview shows how white text looks on a background with the Decimal color 7786482.

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





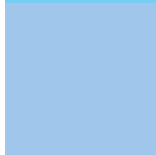
Tritanopia
7459555

Trichromacy



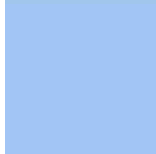
Original Color

7786482



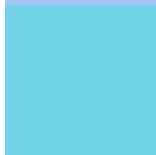
Protanomaly

10602220



Deuteranomaly

10667509



Tritanomaly

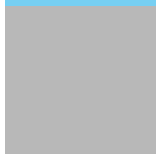
7590376

Monochromacy



Original Color

7786482



Achromatopsia

12105912



Achromatomaly

10535117

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7786482 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 #76CFF2 looks like.

```
.text, #text, p{  
    color:#76CFF2  
}
```

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 #76CFF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CFF2
}
```

Border

The CSS property to change the border of an element to Decimal 7786482 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
#76CFF2 }
```

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

```
.border{ border-color:#76CFF2 }
```

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

Here you see how a box with a 4 pixel #76CFF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CFF2; -webkit-box-shadow:4px 4px  
4px 4px #76CFF2; box-shadow:4px 4px 4px  
4px #76CFF2 }
```

Background

The CSS property to change the background color of an element to Decimal 7786482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CFF2 }
```

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

```
.background{ background-color:#76CFF2 }
```

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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