

Converting Colors

Decimal(6476799)

Have a look what the booklet for
Decimal(6476799) contains.

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Color

Decimal(6476799)

Conversions

Conversions Part 1

Format	Color
Hex	62D3FF
RGB	98, 211, 255
RGB Percent	38%, 83%, 100%
CMY	0.6157, 0.1725, 0.0000
CMYK	0.62, 0.17, 0.00, 0.00
HSL	197°, 100%, 69%
HSV	197°, 62%, 100%
XYZ	46.3813, 56.4052, 103.0505
YIQ	182.2290, -81.4720, -10.2720

Conversions

Conversions Part 2

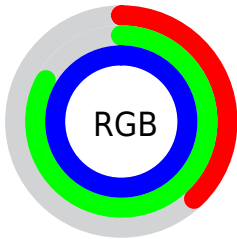
Format	Color
R _Y B	98, 164, 255
Decimal	6476799
CIE Lab	79.84, -19.48, -31.12
CIE LCh	80, 36.707, 237.957
Yxy	56.4052, 0.2253, 0.2740
Android (android.graphics.Color)	4284666879 (0xFF62D3FF)
YUV	182.2290, 35.8761, -73.8688
Hunter-Lab	75.1034, -21.1955, -28.7803

Details

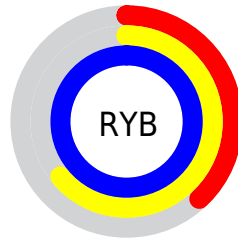
The Decimal color **6476799** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16748130**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **10616831**, and **40134** is the 20% darker color. If you saturate the color by 10%, you get **4836607**, and if you desaturate by 10%, it is **8116991**.

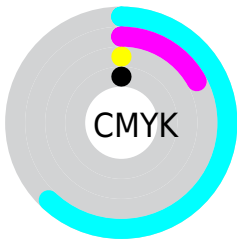
Distribution



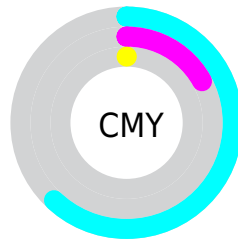
- Red (38%)
- Green (83%)
- Blue (100%)



- Red (38%)
- Yellow (64%)
- Blue (100%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6476799 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 6476799 by changing the saturation by 10% instead.

6476799

6476799

16777215

4110306

10616831

40134

12648447

33451

14614527

27024

16646143

20854

14941

9286

1071

282

■ 6476799

■ 6476799

■ 4836607

■ 8116991

■ 3130879

■ 9822719

■ 1490687

■ 11528447

■ 47359

■ 13168895

■ 14874623

■ 16514815

16777215

Harmonies

Analogous

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



5298405



6476799



9751295

Triad

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



6476799



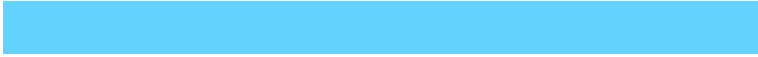
16755914



12373641

Complementary

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



6476799



16748130

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.



14730113



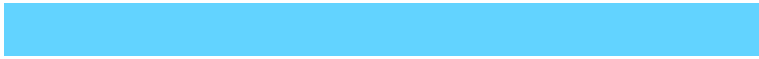
6476799



16756392

Square

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



6476799



15708907



16496525



9754017

Rectangle

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



6476799



12043007



16496525



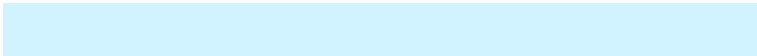
13224580

Sweetspot

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



6476799



13759231



6487948



6518912



0



8421504

Same Dimension

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



6476799



4377343



6457343



7568512



35519



11840

Inverse Universe

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



16736979



16728778



16767586



8418172



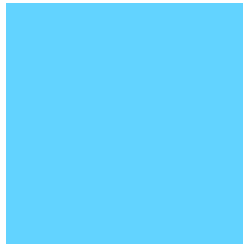
12517514



4194350

Previews

White Background



This preview shows how the Decimal color 6476799 looks on a white background.

Color Contrast Check

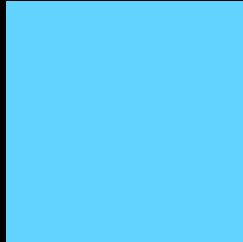
Large Text (above 18pt) WCAG AA × Fail

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 6476799 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

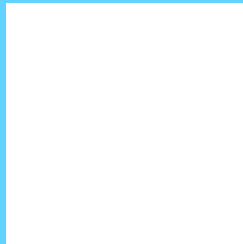
Any Text WCAG AAA ✓ Pass

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

Decimal 6476799 Background



This preview shows how black text looks on a background with the Decimal color 6476799.

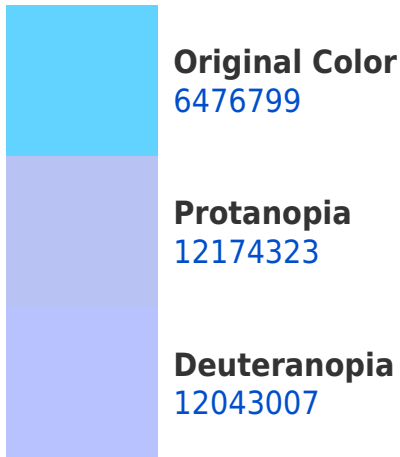


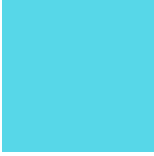
This preview shows how white text looks on a background with the Decimal color 6476799.

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](#).

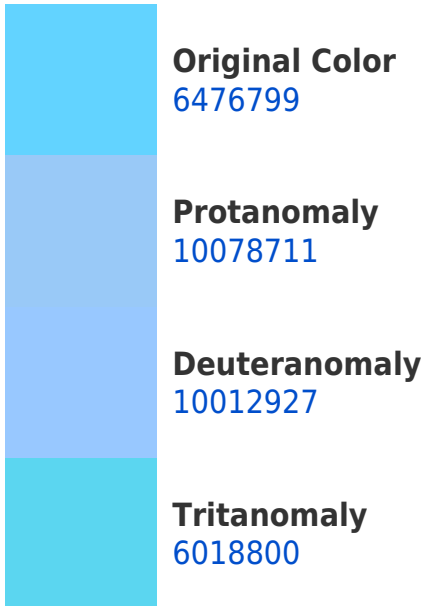
Dichromacy





Tritanopia
5756904

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6476799 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 #62D3FF looks like.

```
.text, #text, p{  
    color:#62D3FF  
}
```

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 #62D3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D3FF
}
```

Border

The CSS property to change the border of an element to Decimal 6476799 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
#62D3FF }
```

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

```
.border{ border-color:#62D3FF }
```

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

Here you see how a box with a 4 pixel #62D3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D3FF; -webkit-box-shadow:4px 4px  
4px 4px #62D3FF; box-shadow:4px 4px 4px  
4px #62D3FF }
```

Background

The CSS property to change the background color of an element to Decimal 6476799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D3FF }
```

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

```
.background{ background-color:#62D3FF }
```

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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