

Converting Colors

Decimal(6800126)

Have a look what the booklet for
Decimal(6800126) contains.

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Color

Decimal(6800126)

Conversions

Conversions Part 1

Format	Color
Hex	67C2FE
RGB	103, 194, 254
RGB Percent	40%, 76%, 100%
CMY	0.5961, 0.2392, 0.0039
CMYK	0.59, 0.24, 0.00, 0.00
HSL	204°, 99%, 70%
HSV	204°, 59%, 100%
XYZ	42.7747, 48.6229, 100.8966
YIQ	173.6310, -73.4960, -0.6320

Conversions

Conversions Part 2

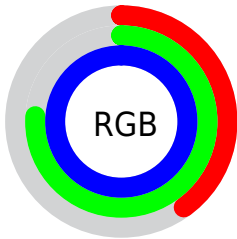
Format	Color
R _Y B	103, 160, 254
Decimal	6800126
CIE Lab	75.22, -10.01, -37.72
CIE LCh	75, 39.021, 255.140
Yxy	48.6229, 0.2224, 0.2529
Android (android.graphics.Color)	4284990206 (0xFF67C2FE)
YUV	173.6310, 39.6219, -61.9434
Hunter-Lab	69.7301, -12.5301, -36.9791

Details

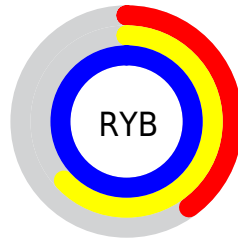
The Decimal color **6800126** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16687975**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10812159**, and **1609157** is the 20% darker color. If you saturate the color by 10%, you get **5159166**, and if you desaturate by 10%, it is **8441086**.

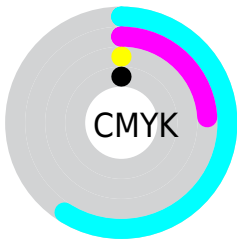
Distribution



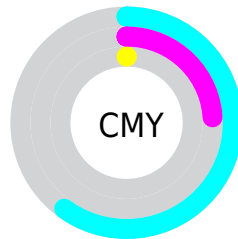
- Red (40%)
- Green (76%)
- Blue (100%)



- Red (40%)
- Yellow (63%)
- Blue (100%)



- Cyan (59%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6800126 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 6800126 by changing the saturation by 10% instead.

 6800126

 6800126

16777215

 4564961

 10812159

 1609157

 12845055

 29610

 14811135

 23439

 17269

 11612

 6724

 813

 280

■ 6800126

■ 6800126

■ 5159166

■ 8441086

■ 3452670

■ 10147582

■ 1811710

■ 11788542

■ 105214

■ 13495038

■ 39422

■ 15135998

16777214

Harmonies

Analogous

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



3132139



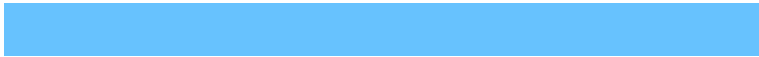
6800126



10729214

Triad

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



6800126



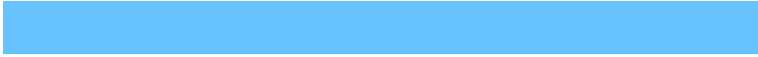
16752296



9946757

Complementary

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



6800126



16687975

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.



12565875



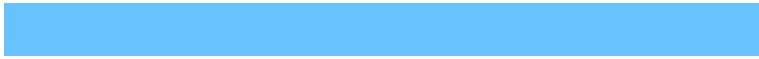
6800126



16295304

Square

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



6800126



16031949



14791028



6933414

Rectangle

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



6800126



13020916



14791028



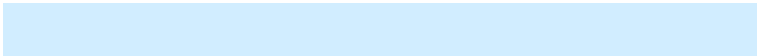
10863485

Sweetspot

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



6800126



13757951



6815393



6517888



0



8421504

Same Dimension

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



6800126



4896767



6781438



7568000



29631



9792

Inverse Universe

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



16672706



16730807



16706663



8418170



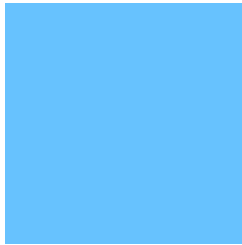
12517491



4194342

Previews

White Background



This preview shows how the Decimal color 6800126 looks on a white background.

Color Contrast Check

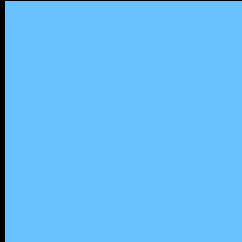
Large Text (above 18pt) WCAG AA × Fail

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 6800126 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

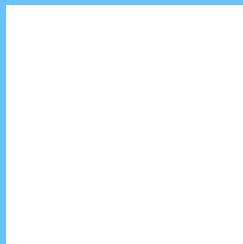
Any Text WCAG AAA ✓ Pass

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

Decimal 6800126 Background



This preview shows how black text looks on a background with the Decimal color 6800126.



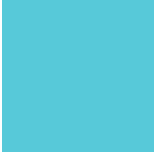
This preview shows how white text looks on a background with the Decimal color 6800126.

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
5753305

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6800126 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 #67C2FE looks like.

```
.text, #text, p{  
    color:#67C2FE  
}
```

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 #67C2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C2FE
}
```

Border

The CSS property to change the border of an element to Decimal 6800126 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
#67C2FE }
```

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

```
.border{ border-color:#67C2FE }
```

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

Here you see how a box with a 4 pixel #67C2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C2FE; -webkit-box-shadow:4px 4px  
4px 4px #67C2FE; box-shadow:4px 4px 4px  
4px #67C2FE }
```

Background

The CSS property to change the background color of an element to Decimal 6800126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C2FE }
```

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

```
.background{ background-color:#67C2FE }
```

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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