

# Converting Colors

Decimal(8445951)

Have a look what the booklet for  
Decimal(8445951) contains.

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# **Color**

**Decimal(8445951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80DFFF
RGB	128, 223, 255
RGB Percent	50%, 87%, 100%
CMY	0.4980, 0.1255, 0.0000
CMYK	0.50, 0.13, 0.00, 0.00
HSL	195°, 100%, 75%
HSV	195°, 50%, 100%
XYZ	53.3398, 64.5845, 104.2625
YIQ	198.2430, -66.8920, -10.1880

# Conversions

## Conversions Part 2

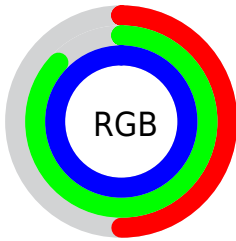
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 182, 255</a>
Decimal	<a href="#">8445951</a>
CIELab	<a href="#">84.27, -19.77, -24.25</a>
CIELCh	<a href="#">84, 31.292, 230.808</a>
Yxy	<a href="#">64.5845, 0.2401, 0.2907</a>
Android (android.graphics.Color)	<a href="#">4286636031</a> ( <a href="#">0xFF80DFFF</a> )
YUV	<a href="#">198.2430, 27.9812, -61.6031</a>
Hunter-Lab	<a href="#">80.3645, -22.1634, -20.6659</a>

# Details

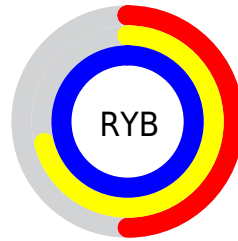
The Decimal color **8445951** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16752768**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **12320767**, and **4368582** is the 20% darker color. If you saturate the color by 10%, you get **6806015**, and if you desaturate by 10%, it is **10151423**.

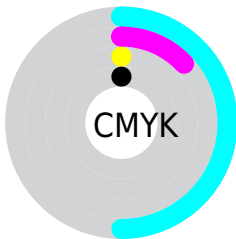
# Distribution



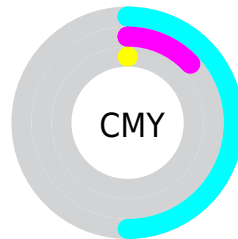
- Red (50%)
- Green (87%)
- Blue (100%)



- Red (50%)
- Yellow (71%)
- Blue (100%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8445951 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 8445951 by changing the saturation by 10% instead.



 8445951

 8445951

16777215

 6472674

 12320767

 4368582

 14286847


 1543595

 16252927

 29840

 23415

 17246

 11590

 6703

 282

■ 8445951

■ 8445951

■ 6806015

■ 10151423

■ 5100287

■ 11791615

■ 3394815

■ 13497087

■ 1754623

■ 15137279

■ 49151

16777215

# Harmonies

## Analogous

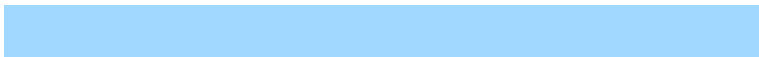
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8119270



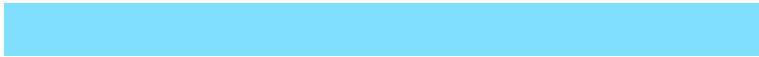
8445951



10606847

# Triad

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



8445951



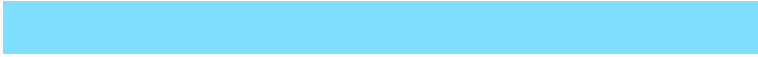
16760285



13817755

# Complementary

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



8445951



16752768

# 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.



15781272



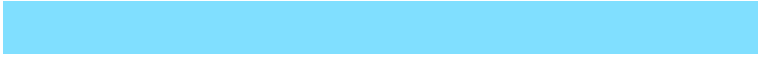
8445951



16760255

# Square

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



8445951



15713528



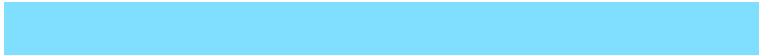
16762022



11591340

# Rectangle

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



8445951



12374527



16762022



14537880

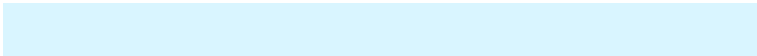


# Sweetspot

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



8445951



14284287



8454048



6912640



0

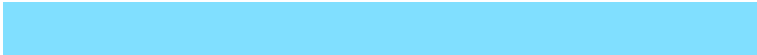


8421504



# Same Dimension

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



8445951



6740223



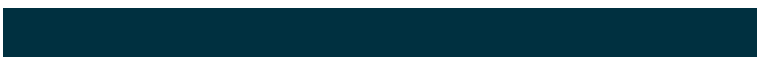
8429823



7568512



36799



12352



# Inverse Universe

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



16744671



16738008



16768896



8418172



12517519

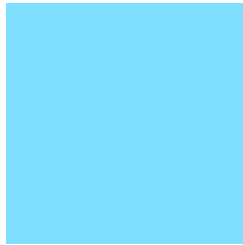


4194352



# Previews

## White Background



This preview shows how the Decimal color 8445951 looks on a white background.

## Color Contrast Check

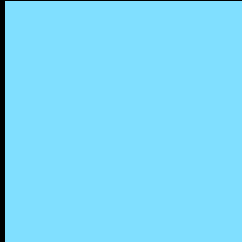
Large Text (above 18pt) WCAG AA × Fail

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 8445951 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 8445951 Background



This preview shows how black text looks on a background with the Decimal color 8445951.



This preview shows how white text looks on a background with the Decimal color 8445951.

# 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](#).

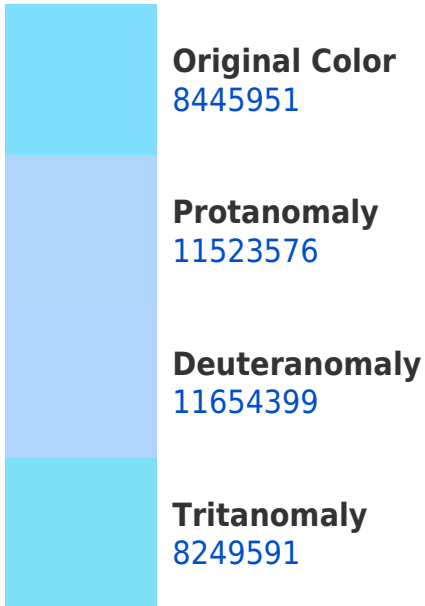
## Dichromacy





**Tritanopia**  
8184307

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8445951 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 #80DFFF looks like.

```
.text, #text, p{  
    color:#80DFFF  
}
```

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 #80DFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80DFFF
}
```

## Border

The CSS property to change the border of an element to Decimal 8445951 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
#80DFFF }
```

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

```
.border{ border-color:#80DFFF }
```

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

Here you see how a box with a 4 pixel #80DFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80DFFF; -webkit-box-shadow:4px 4px  
4px 4px #80DFFF; box-shadow:4px 4px 4px  
4px #80DFFF }
```

# Background

The CSS property to change the background color of an element to Decimal 8445951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80DFFF }
```

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

```
.background{ background-color:#80DFFF }
```

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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