

# Converting Colors

Decimal(8776946)

Have a look what the booklet for  
Decimal(8776946) contains.

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# **Color**

**Decimal(8776946)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 85ECF2                       |
| RGB         | 133, 236, 242                |
| RGB Percent | 52%, 93%, 95%                |
| CMY         | 0.4784, 0.0745, 0.0510       |
| CMYK        | 0.45, 0.02, 0.00, 0.05       |
| HSL         | 183°, 81%, 74%               |
| HSV         | 183°, 45%, 95%               |
| XYZ         | 55.6953, 71.3883, 94.8483    |
| YIQ         | 205.8870, -63.3140, -19.9700 |

# Conversions

## Conversions Part 2

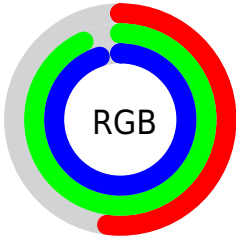
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 133, 186, 242                  |
| Decimal                             | 8776946                        |
| CIE Lab                             | 87.67, -28.46, -12.26          |
| CIE LCh                             | 88, 30.992, 203.306            |
| Yxy                                 | 71.3883, 0.2510,<br>0.3217     |
| Android<br>(android.graphics.Color) | 4286967026<br>(0xFF85ECF2)     |
| YUV                                 | 205.8870, 17.8037,<br>-63.9219 |
| Hunter-Lab                          | 84.4916, -30.1962,<br>-7.4135  |

# Details

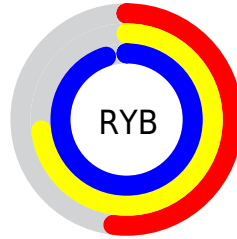
The Decimal color **8776946** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **15895429**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **12648447**, and **4830394** is the 20% darker color. If you saturate the color by 10%, you get **7203826**, and if you desaturate by 10%, it is **10350066**.

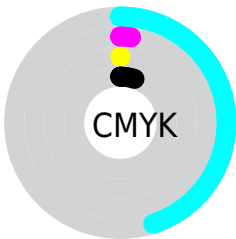
# Distribution



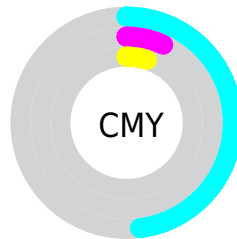
- Red (52%)
- Green (93%)
- Blue (95%)



- Red (52%)
- Yellow (73%)
- Blue (95%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8776946 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 8776946 by changing the saturation by 10% instead.



 8776946

 8776946

16777215

 6803670

 12648447

 4830394

 14548991

 2464159

 16515071

 32645

 25964

 19795

 13628

 8743

 274

8776946

8776946

7203826

10350066

5630450

11923442

3991794

13562098

2418674

15135218

845298

16708594

58866

16774386

16774642

16775154

16775410

# Harmonies

## Analogous

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



10022100



8776946



9300223

# Triad

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



8776946



16502271



16308386

# Complementary

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



8776946



15895429

# 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.



16764590



8776946



16762852

# Square

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



8776946



14211071



16762822



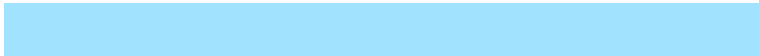
14279077

# Rectangle

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



8776946



10609663



16762822



16766116

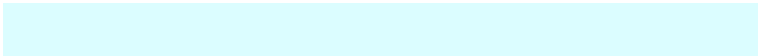


# Sweetspot

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



8776946



14417407



8778378



6979200



0



8421504



# Same Dimension

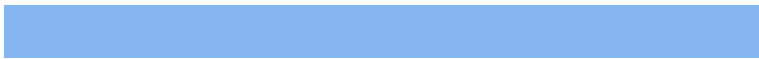
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8776946



7731199



8763122



7108472



44472



13624



# Inverse Universe

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



15893996



16741879



15909253



7892087



12058797

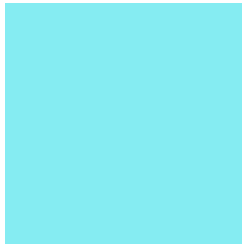


3670069



# Previews

## White Background



This preview shows how the Decimal color 8776946 looks on a white background.

## Color Contrast Check

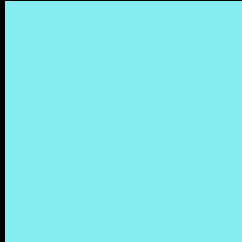
Large Text (above 18pt) WCAG AA × Fail

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 8776946 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 8776946 Background



This preview shows how black text looks on a background with the Decimal color 8776946.



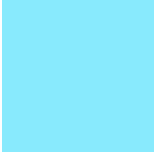
This preview shows how white text looks on a background with the Decimal color 8776946.

# 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



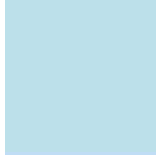


**Tritanopia**  
8973053

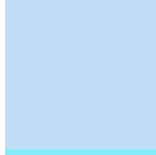
# Trichromacy



**Original Color**  
8776946



**Protanomaly**  
12378346



**Deuteranomaly**  
12639733

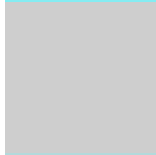


**Tritanomaly**  
8907769

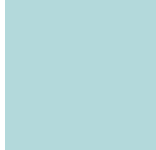
# Monochromacy



**Original Color**  
8776946



**Achromatopsia**  
13553358



**Achromatomaly**  
11786715

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8776946 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 #85ECF2 looks like.

```
.text, #text, p{  
    color:#85ECF2  
}
```

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 #85ECF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85ECF2  
}
```

## Border

The CSS property to change the border of an element to Decimal 8776946 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  
#85ECF2 }
```

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

```
.border{ border-color:#85ECF2 }
```

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

Here you see how a box with a 4 pixel #85ECF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85ECF2; -webkit-box-shadow:4px 4px  
4px 4px #85ECF2; box-shadow:4px 4px 4px  
4px #85ECF2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8776946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85ECF2 }
```

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

```
.background{ background-color:#85ECF2 }
```

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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