

# Converting Colors

Decimal(8051956)

Have a look what the booklet for  
Decimal(8051956) contains.

<b>Decimal(8051956)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(8051956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ADC F4
RGB	122, 220, 244
RGB Percent	48%, 86%, 96%
CMY	0.5216, 0.1373, 0.0431
CMYK	0.50, 0.10, 0.00, 0.04
HSL	192°, 85%, 72%
HSV	192°, 50%, 96%
XYZ	49.9484, 61.8556, 94.8947
YIQ	193.4340, -66.1120, -13.3120

# Conversions

## Conversions Part 2

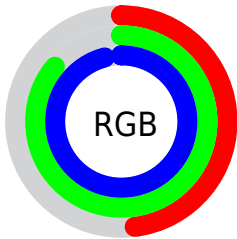
Format	Color
<a href="#">RYB</a>	122, 176, 244
Decimal	8051956
CIELab	82.84, -22.53, -20.63
CIELCh	83, 30.551, 222.480
Yxy	61.8556, 0.2416, 0.2993
Android (android.graphics.Color)	4286242036 (0xFF7ADCF4)
YUV	193.4340, 24.9290, -62.6476
Hunter-Lab	78.6483, -24.2720, -16.4837

# Details

The Decimal color **8051956** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **16028282**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **11927551**, and **3909052** is the 20% darker color. If you saturate the color by 10%, you get **6477812**, and if you desaturate by 10%, it is **9626100**.

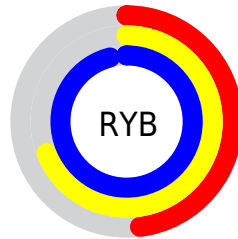
# Distribution



Red (48%)

Green (86%)

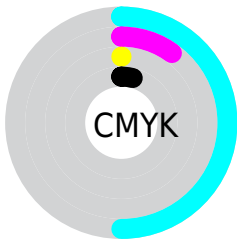
Blue (96%)



Red (48%)

Yellow (69%)

Blue (96%)

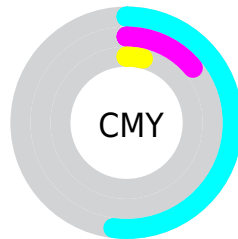


Cyan (50%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (14%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8051956 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 8051956 by changing the saturation by 10% instead.



8051956

8051956

16777215

6078680

11927551

3909052

13893631

690849

15859711

29062

22637

16469

10813

4904

274

■ 8051956

■ 8051956

■ 6477812

■ 9626100

■ 4838132

■ 11265780

■ 3264244

■ 12839668

■ 1624564

■ 14479348

■ 50420

■ 16053492

■ 16775668

■ 16776948

■ 16777204

# Harmonies

## Analogous

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



8249050



8051956



9754367

# Triad

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



8051956



16628704



14143638

# Complementary

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



8051956



16028282

# 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.



15910808



8051956



16759235

# Square

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



8051956



14861305



16760489



12048547

# Rectangle

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



8051956



11456767



16760489



14798229

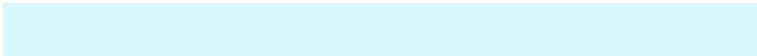


# Sweetspot

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



8051956



14284799



8058000



6912896



0



8421504



# Same Dimension

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



8051956



6742527



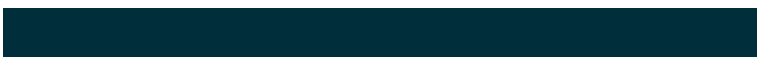
8036852



7239802



38586



12091



# Inverse Universe

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



16022236



16738017



16043386



8023672



12189846

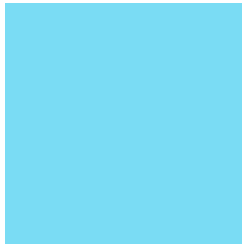


3866671



# Previews

## White Background



This preview shows how the Decimal color 8051956 looks on a white background.

## Color Contrast Check

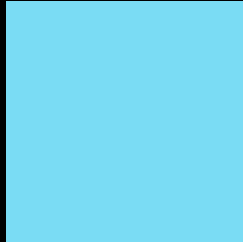
Large Text (above 18pt) WCAG AA × Fail

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 8051956 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 8051956 Background



This preview shows how black text looks on a background with the Decimal color 8051956.

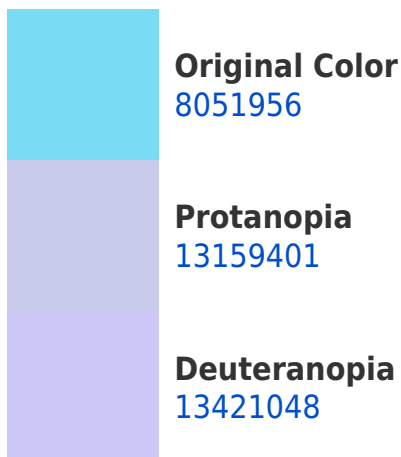


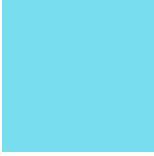
This preview shows how white text looks on a background with the Decimal color 8051956.

# 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](#).

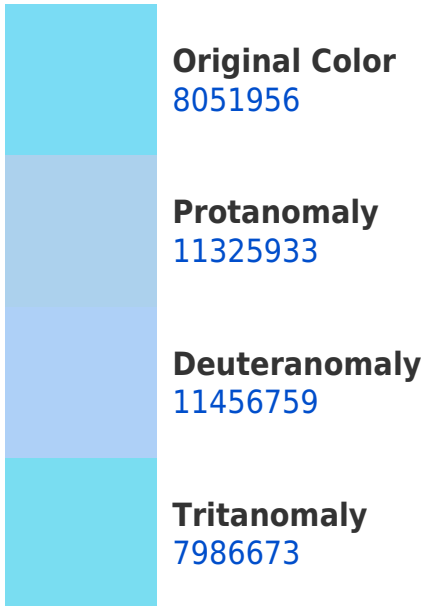
## Dichromacy



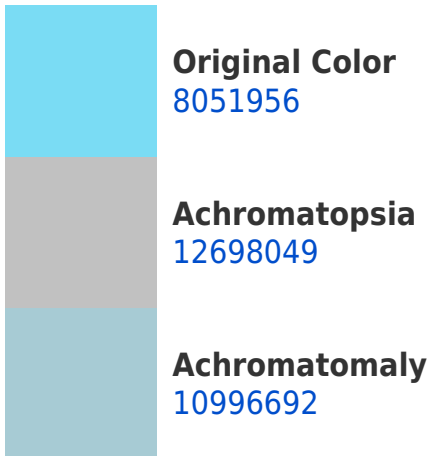


**Tritanopia**  
7921135

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8051956 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 #7ADCF4 looks like.

```
.text, #text, p{  
    color:#7ADCF4  
}
```

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 #7ADCF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ADCF4
}
```

## Border

The CSS property to change the border of an element to Decimal 8051956 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
#7ADCF4 }
```

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

```
.border{ border-color:#7ADCF4 }
```

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

Here you see how a box with a 4 pixel #7ADCF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ADCF4; -webkit-box-shadow:4px 4px  
4px 4px #7ADCF4; box-shadow:4px 4px 4px  
4px #7ADCF4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8051956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ADCF4 }
```

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

```
.background{ background-color:#7ADCF4 }
```

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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