

# Converting Colors

Decimal(8059596)

Have a look what the booklet for  
Decimal(8059596) contains.

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# **Color**

**Decimal(8059596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AFACC
RGB	122, 250, 204
RGB Percent	48%, 98%, 80%
CMY	0.5216, 0.0196, 0.2000
CMYK	0.51, 0.00, 0.18, 0.02
HSL	158°, 93%, 73%
HSV	158°, 51%, 98%
XYZ	53.1107, 76.8684, 69.1646
YIQ	206.4840, -61.5220, -41.4420

# Conversions

## Conversions Part 2

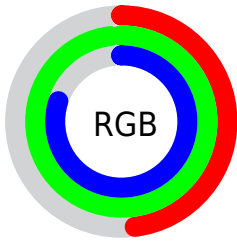
Format	Color
R <sub>YB</sub>	122, 200, 250
Decimal	8059596
CIE <sub>Lab</sub>	90.26, -46.19, 11.28
CIE <sub>LCh</sub>	90, 47.550, 166.272
Yxy	76.8684, 0.2667, 0.3860
Android (android.graphics.Color)	4286249676 (0xFF7AFACC)
YUV	206.4840, -1.2246, -74.0925
Hunter-Lab	87.6746, -45.3005, 14.5997

# Details

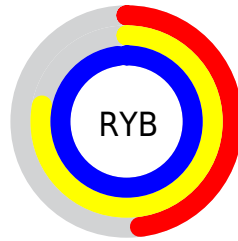
The Decimal color **8059596** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16415400**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **11927551**, and **3850646** is the 20% darker color. If you saturate the color by 10%, you get **6421187**, and if you desaturate by 10%, it is **9698005**.

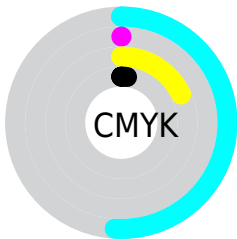
# Distribution



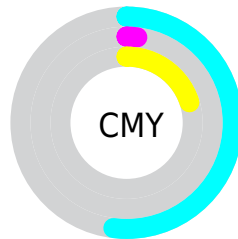
- Red (48%)
- Green (98%)
- Blue (80%)



- Red (48%)
- Yellow (78%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (52%)
- Magenta (2%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8059596 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 8059596 by changing the saturation by 10% instead.



 8059596

 8059596

16777215

 6020529

 11927551

 3850646

 13893631

 238972

 15925247

 35427

 28747

 22324

 15903

 10504

 512

■ 8059596

■ 8059596

■ 6421187

■ 9698005

■ 4782778

■ 11336414

■ 3144369

■ 12974823

■ 1505960

■ 14613232

■ 64160

■ 16251641

■ 16775935

# Harmonies

## Analogous

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



11924643



8059596



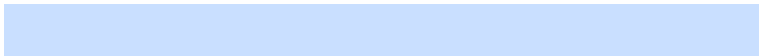
3275771

# Triad

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



8059596



13230079



16763555

# Complementary

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



8059596



16415400

# 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.



16761036



8059596



16764671

# Square

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



8059596



8056575



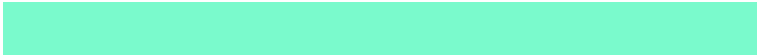
16761594



16767371

# Rectangle

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



8059596



63999



16761594



16762544

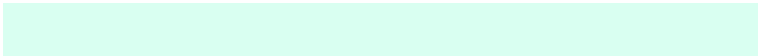


# Sweetspot

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



8059596



14286833



11139706



6914167



0



8421504



# Same Dimension

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



8059596



6553543



8055290



7372152



48505



15655



# Inverse Universe

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



16415400



16737179



16419706



8220789



12386372

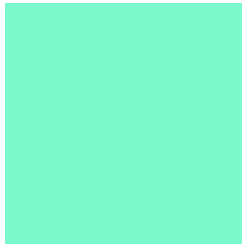


3997718



# Previews

## White Background



This preview shows how the Decimal color 8059596 looks on a white background.

## Color Contrast Check

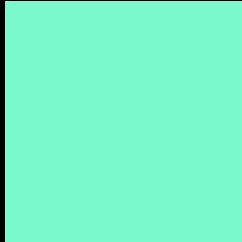
Large Text (above 18pt) WCAG AA × Fail

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 8059596 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 8059596 Background



This preview shows how black text looks on a background with the Decimal color 8059596.




This preview shows how white text looks on a background with the Decimal color 8059596.

# 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



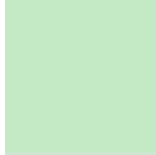


**Tritanopia**  
10612735

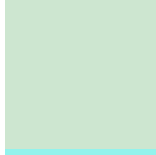
# Trichromacy



**Original Color**  
8059596



**Protanomaly**  
12839620



**Deuteranomaly**  
13493968



**Tritanomaly**  
9696236

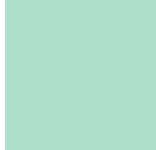
# Monochromacy



**Original Color**  
8059596



**Achromatopsia**  
13553358



**Achromatomaly**  
11525837

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8059596 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 #7AFACC looks like.

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

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 #7AFACC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8059596 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
#7AFACC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 8059596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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