

# Converting Colors

Decimal(5176463)

Have a look what the booklet for  
Decimal(5176463) contains.

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# **Color**

**Decimal(5176463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EFC8F
RGB	78, 252, 143
RGB Percent	31%, 99%, 56%
CMY	0.6941, 0.0118, 0.4392
CMYK	0.69, 0.00, 0.43, 0.01
HSL	142°, 97%, 65%
HSV	142°, 69%, 99%
XYZ	42.9102, 73.2237, 37.8586
YIQ	187.5480, -68.7150, -70.7870

# Conversions

## Conversions Part 2

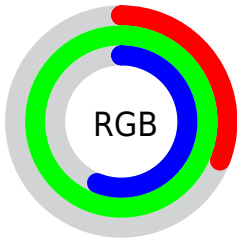
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 205, 252
Decimal	5176463
CIELab	88.55, -67.10, 39.63
CIELCh	89, 77.925, 149.432
Yxy	73.2237, 0.2787, 0.4755
Android (android.graphics.Color)	4283366543 (0xFF4EFC8F)
YUV	187.5480, -21.9622, -96.0736
Hunter-Lab	85.5708, -60.2386, 33.6683

# Details

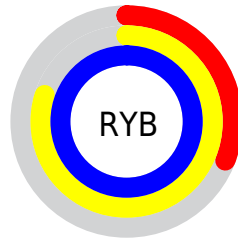
The Decimal color **5176463** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **16535227**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **9633734**, and **49755** is the 20% darker color. If you saturate the color by 10%, you get **3538047**, and if you desaturate by 10%, it is **6814879**.

# Distribution



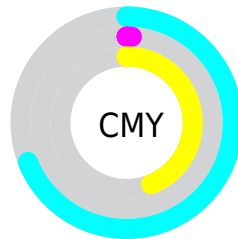
- Red (31%)
- Green (99%)
- Blue (56%)



- Red (31%)
- Yellow (80%)
- Blue (99%)



- Cyan (69%)
- Magenta (0%)
- Yellow (43%)
- Black (1%)



- Cyan (69%)
- Magenta (1%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5176463 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 5176463 by changing the saturation by 10% instead.



 5176463

 5176463

16777215

 1957749

 9633734

 49755

 11665378

 42562

 13762559

 35369

 15794175

 28685

 22016

 15616

 9216

 0

■ 5176463

■ 5176463

■ 3538047

■ 6814879

■ 1899631

■ 8453295

■ 195680

■ 10157246

■ 64606

■ 11795662

■ 13434078

■ 15072494

■ 16710910

■ 16776447

# Harmonies

## Analogous

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



12447570



5176463



65498

# Triad

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



5176463



59391



16753306

# Complementary

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



5176463



16535227

# 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.



16751075



5176463



14470143

# Square

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



5176463



63999



16755967



16760413

# Rectangle

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



5176463



65535



16755967



16751793

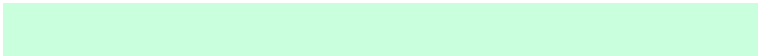


# Sweetspot

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



5176463



13238237



12385358



6324332



0



8421504



# Same Dimension

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



5176463



2883450



5176549



7372149



48454



15639



# Inverse Universe

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



16535227



16722864



16535141



8220792



12386422

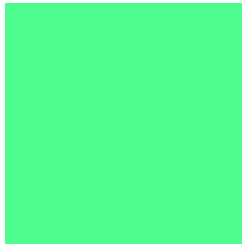


3997734



# Previews

## White Background



This preview shows how the Decimal color 5176463 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 5176463 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

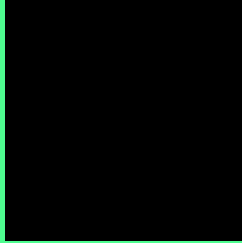
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5176463 Background



This preview shows how black text looks on a background with the Decimal color 5176463.

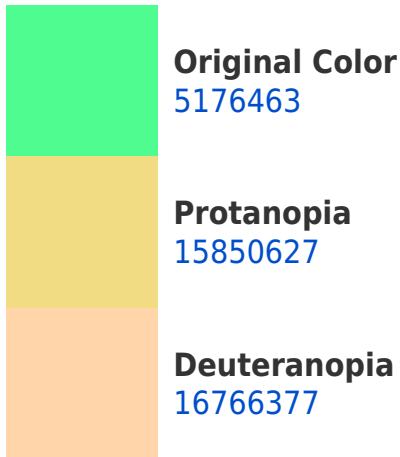


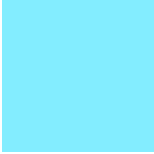
This preview shows how white text looks on a background with the Decimal color 5176463.

# 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**  
8646143

# Trichromacy



**Original Color**

5176463



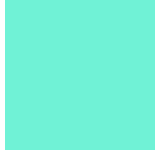
**Protanomaly**

11987079



**Deuteranomaly**

12575648



**Tritanomaly**

7402198

# Monochromacy



**Original Color**

5176463



**Achromatopsia**

12369084



**Achromatomaly**

9753516

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5176463 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 #4EFC8F looks like.

```
.text, #text, p{  
    color:#4EFC8F  
}
```

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 #4EFC8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EFC8F
}
```

## Border

The CSS property to change the border of an element to Decimal 5176463 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
#4EFC8F }
```

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

```
.border{ border-color:#4EFC8F }
```

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

Here you see how a box with a 4 pixel #4EFC8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EFC8F; -webkit-box-shadow:4px 4px  
4px 4px #4EFC8F; box-shadow:4px 4px 4px  
4px #4EFC8F }
```

# Background

The CSS property to change the background color of an element to Decimal 5176463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EFC8F }
```

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

```
.background{ background-color:#4EFC8F }
```

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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