

# Converting Colors

Decimal(4258476)

Have a look what the booklet for  
Decimal(4258476) contains.

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# **Color**

**Decimal(4258476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40FAAC
RGB	64, 250, 172
RGB Percent	25%, 98%, 67%
CMY	0.7490, 0.0196, 0.3255
CMYK	0.74, 0.00, 0.31, 0.02
HSL	155°, 95%, 62%
HSV	155°, 74%, 98%
XYZ	43.7464, 72.4398, 50.7063
YIQ	185.4940, -85.8180, -63.6900

# Conversions

## Conversions Part 2

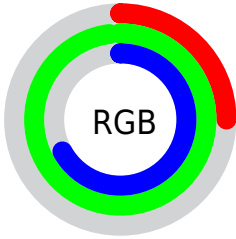
Format	Color
<a href="#">RYB</a>	<a href="#">64, 182, 250</a>
Decimal	<a href="#">4258476</a>
CIELab	<a href="#">88.18, -63.01, 24.60</a>
CIELCh	<a href="#">88, 67.637, 158.675</a>
Yxy	<a href="#">72.4398, 0.2621, 0.4341</a>
Android (android.graphics.Color)	<a href="#">4282448556 (0xFF40FAAC)</a>
YUV	<a href="#">185.4940, -6.6525, -106.5502</a>
Hunter-Lab	<a href="#">85.1116, -57.1983, 24.2553</a>

# Details

The Decimal color **4258476** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **16400526**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **8978404**, and **49271** is the 20% darker color. If you saturate the color by 10%, you get **2620066**, and if you desaturate by 10%, it is **5896886**.

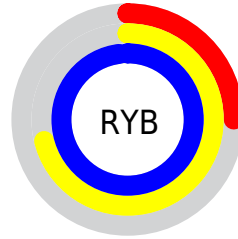
# Distribution



Red (25%)

Green (98%)

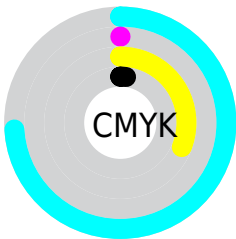
Blue (67%)



Red (25%)

Yellow (71%)

Blue (98%)

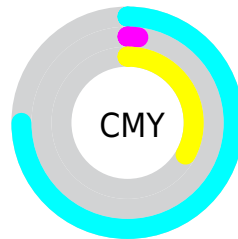


Cyan (74%)

Magenta (0%)

Yellow (31%)

Black (2%)



Cyan (75%)

Magenta (2%)

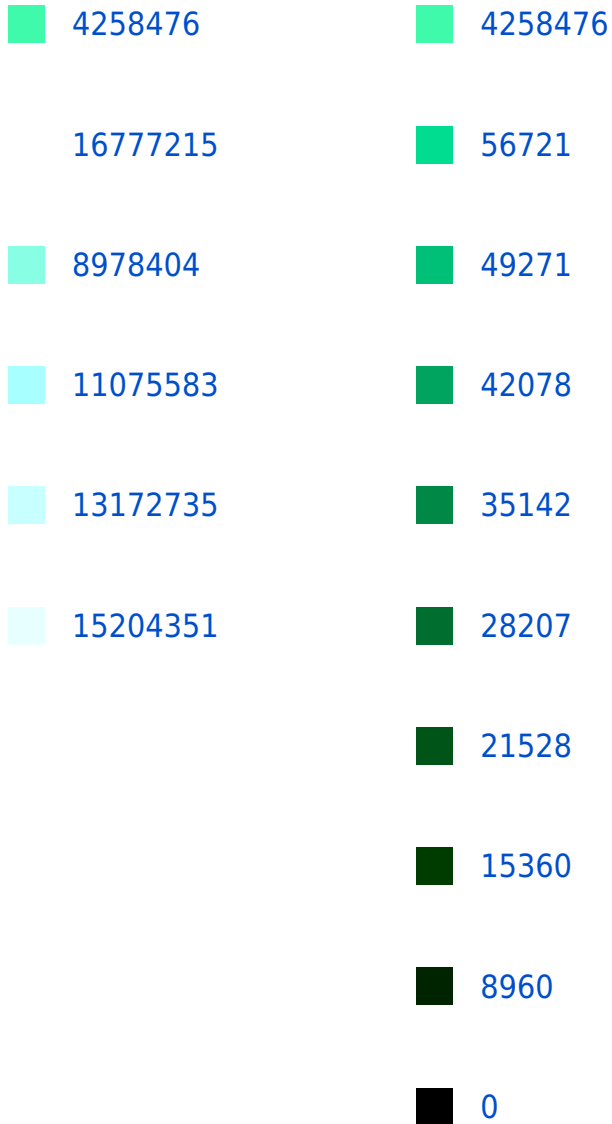
Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4258476 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 4258476 by changing the saturation by 10% instead.





 4258476

 4258476

 2620066

 5896886

 981655

 7535297

 64145

 9173707

 10812118

 12450528

 14088939

 15727349

 16775935

# Harmonies

## Analogous

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



11268212



4258476



65007

# Triad

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



4258476



9166591



16757136

# Complementary

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



4258476



16400526

# 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.



16754125



4258476



16434687

# Square

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



4258476



61951



16756223



16763235

# Rectangle

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



4258476



64767



16756223



16755619

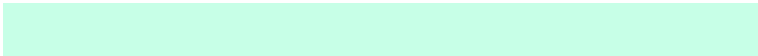


# Sweetspot

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



4258476



13107175



9566784



6193266



0



8421504



# Same Dimension

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



4258476



1900448



4255482



7372152



48494



15652



# Inverse Universe

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



16400526



16718971



16403520



8220790



12386383

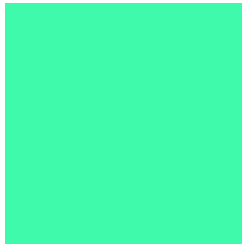


3997722



# Previews

## White Background



This preview shows how the Decimal color 4258476 looks on a white background.

## Color Contrast Check

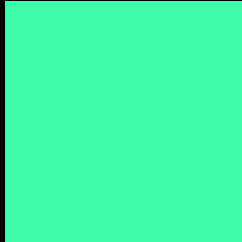
Large Text (above 18pt) WCAG AA × Fail

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 4258476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

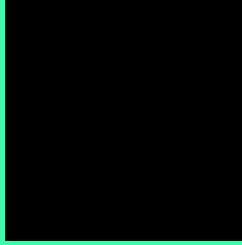
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4258476 Background



This preview shows how black text looks on a background with the Decimal color 4258476.

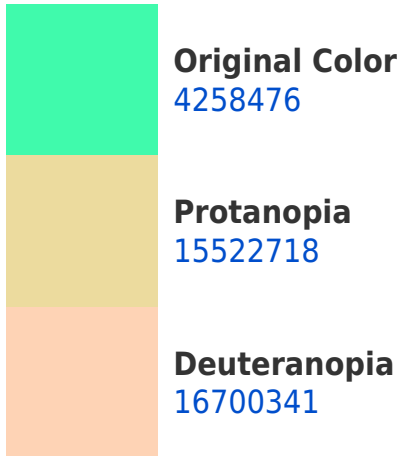


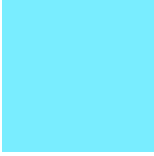
This preview shows how white text looks on a background with the Decimal color 4258476.

# 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**  
7990783

# Trichromacy



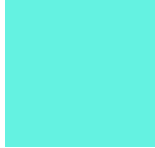
**Original Color**  
4258476



**Protanomaly**  
11396771



**Deuteranomaly**  
12181938



**Tritanomaly**  
6615777

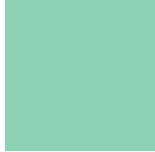
# Monochromacy



**Original Color**  
4258476



**Achromatopsia**  
12171705



**Achromatomaly**  
9294260

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4258476 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 #40FAAC looks like.

```
.text, #text, p{  
    color:#40FAAC  
}
```

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 #40FAAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40FAAC
}
```

## Border

The CSS property to change the border of an element to Decimal 4258476 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
#40FAAC }
```

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

```
.border{ border-color:#40FAAC }
```

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

Here you see how a box with a 4 pixel #40FAAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40FAAC; -webkit-box-shadow:4px 4px  
4px 4px #40FAAC; box-shadow:4px 4px 4px  
4px #40FAAC }
```

# Background

The CSS property to change the background color of an element to Decimal 4258476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40FAAC }
```

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

```
.background{ background-color:#40FAAC }
```

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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