

# Converting Colors

Decimal(5308346)

Have a look what the booklet for  
Decimal(5308346) contains.

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# **Color**

**Decimal(5308346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50FFBA
RGB	80, 255, 186
RGB Percent	31%, 100%, 73%
CMY	0.6863, 0.0000, 0.2706
CMYK	0.69, 0.00, 0.27, 0.00
HSL	156°, 100%, 66%
HSV	156°, 69%, 100%
XYZ	47.9312, 76.7706, 58.7464
YIQ	194.8090, -82.1510, -58.5590

# Conversions

## Conversions Part 2

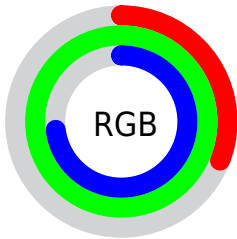
Format	Color
<b>RYB</b>	80, 189, 255
Decimal	5308346
CIELab	90.22, -59.85, 20.31
CIELCh	90, 63.199, 161.252
Yxy	76.7706, 0.2613, 0.4185
Android (android.graphics.Color)	4283498426 (0xFF50FFBA)
YUV	194.8090, -4.3428, -100.6875
Hunter-Lab	87.6189, -55.6860, 21.5807

# Details

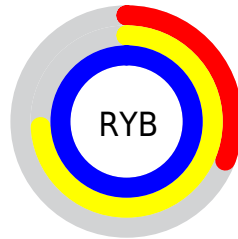
The Decimal color **5308346** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **16732309**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **9764850**, and **50565** is the 20% darker color. If you saturate the color by 10%, you get **3669936**, and if you desaturate by 10%, it is **7012292**.

# Distribution



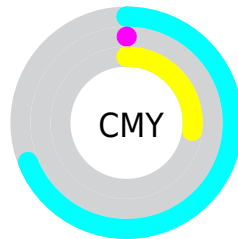
- Red (31%)
- Green (100%)
- Blue (73%)



- Red (31%)
- Yellow (74%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5308346 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 5308346 by changing the saturation by 10% instead.



 5308346

 5308346

16777215

 2155167

 9764850

 50565

 11796479

 43371

 13893631

 36435

 15925247

 29499

 22821

 16399

 10240

 256

■ 5308346

■ 5308346

■ 3669936

■ 7012292

■ 1965990

■ 8650702

■ 327580

■ 10354648

■ 65434

■ 11993058

■ 13697004

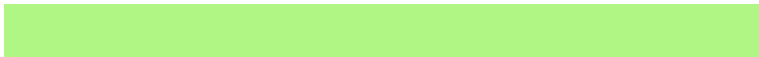
■ 15335414

16777215

# Harmonies

## Analogous

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



11531909



5308346



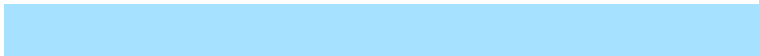
65529

# Triad

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



5308346



10937087



16759958

# Complementary

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



5308346



16732309

# 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.



16756942



5308346



16763647

# Square

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



5308346



62719



16758527



16765551

# Rectangle

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



5308346



65535



16758527



16758696

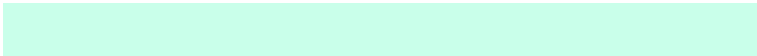


# Sweetspot

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



5308346



13238250



9895760



6324339



0



8421504



# Same Dimension

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



5308346



3080109



5303807



7569530



49012



16423



# Inverse Universe

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



16732309



16723584



16736848



8418168



12517451

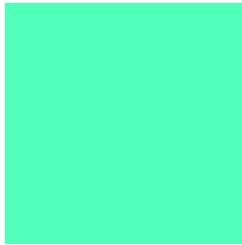


4194329



# Previews

## White Background



This preview shows how the Decimal color 5308346 looks on a white background.

## Color Contrast Check

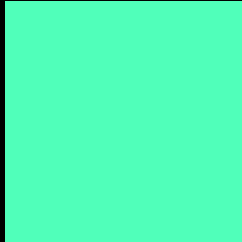
Large Text (above 18pt) WCAG AA × Fail

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 5308346 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

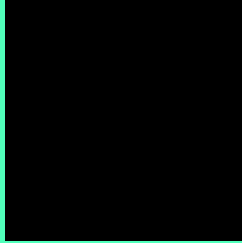
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5308346 Background



This preview shows how black text looks on a background with the Decimal color 5308346.



This preview shows how white text looks on a background with the Decimal color 5308346.

# 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**  
10023167

# Trichromacy



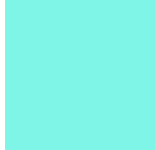
**Original Color**  
5308346



**Protanomaly**  
11988145



**Deuteranomaly**  
12576705

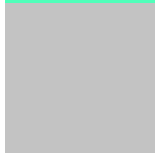


**Tritanomaly**  
8320486

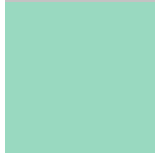
# Monochromacy



**Original Color**  
5308346



**Achromatopsia**  
12829635



**Achromatomaly**  
10082752

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5308346 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 #50FFBA looks like.

```
.text, #text, p{  
  color:#50FFBA  
}
```

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 #50FFBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FFBA
}
```

## Border

The CSS property to change the border of an element to Decimal 5308346 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
#50FFBA }
```

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

```
.border{ border-color:#50FFBA }
```

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

Here you see how a box with a 4 pixel #50FFBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FFBA; -webkit-box-shadow:4px 4px  
4px 4px #50FFBA; box-shadow:4px 4px 4px  
4px #50FFBA }
```

# Background

The CSS property to change the background color of an element to Decimal 5308346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FFBA }
```

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

```
.background{ background-color:#50FFBA }
```

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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