

Converting Colors

Decimal(5304777)

Have a look what the booklet for
Decimal(5304777) contains.

Decimal(5304777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5304777)

Conversions

Conversions Part 1

Format	Color
Hex	50F1C9
RGB	80, 241, 201
RGB Percent	31%, 95%, 79%
CMY	0.6863, 0.0549, 0.2118
CMYK	0.67, 0.00, 0.17, 0.05
HSL	165°, 85%, 63%
HSV	165°, 67%, 95%
XYZ	45.3062, 68.8331, 66.1566
YIQ	188.3010, -83.1160, -46.5720

Conversions

Conversions Part 2

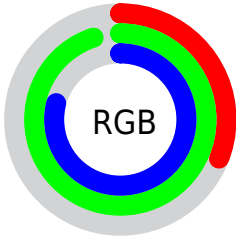
Format	Color
RYB	80, 172, 241
Decimal	5304777
CIELab	86.42, -50.89, 7.19
CIELCh	86, 51.397, 171.955
Yxy	68.8331, 0.2513, 0.3818
Android (android.graphics.Color)	4283494857 (0xFF50F1C9)
YUV	188.3010, 6.2606, -94.9800
Hunter-Lab	82.9657, -47.7142, 10.7984

Details

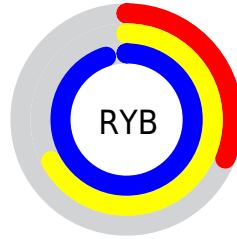
The Decimal color **5304777** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **15814776**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **9633791**, and **47251** is the 20% darker color. If you saturate the color by 10%, you get **3731907**, and if you desaturate by 10%, it is **6877647**.

Distribution



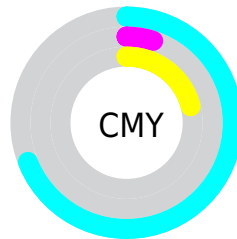
- Red (31%)
- Green (95%)
- Blue (79%)



- Red (31%)
- Yellow (67%)
- Blue (95%)



- Cyan (67%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (69%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5304777 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 5304777 by changing the saturation by 10% instead.

5304777

5304777

16777215

2413742

9633791

47251

11665407

40057

13697023

33377

15728639

26441

20018

13853

7941

0

■ 5304777

■ 5304777

■ 3731907

■ 6877647

■ 2159037

■ 8450517

■ 586167

■ 10023387

■ 61877

■ 11596257

■ 13234663

■ 14807533

■ 16380403

■ 16773625

■ 16773631

Harmonies

Analogous

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



10152858



5304777



61947

Triad

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



5304777



13226495



16760973

Complementary

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



5304777



15814776

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.



16757686



5304777



16760575

Square

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



5304777



7397887



16757480



16765303

Rectangle

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



5304777



61439



16757480



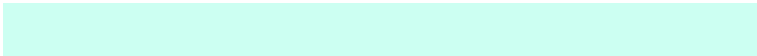
16759705

Sweetspot

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



5304777



13434866



7926096



6389880



0



8421504

Same Dimension

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



5304777



3407820



5294577



7108725



47242



14378

Inverse Universe

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



15814776



16724838



15824976



7892079



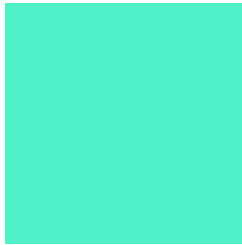
12058670



3670030

Previews

White Background



This preview shows how the Decimal color 5304777 looks on a white background.

Color Contrast Check

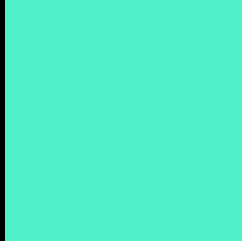
Large Text (above 18pt) WCAG AA × Fail

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 5304777 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 5304777 Background



This preview shows how black text looks on a background with the Decimal color 5304777.



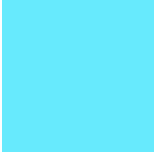
This preview shows how white text looks on a background with the Decimal color 5304777.

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



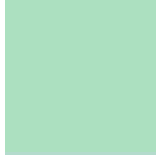


Tritanopia
6810365

Trichromacy



Original Color
5304777



Protanomaly
11329728



Deuteranomaly
11852749

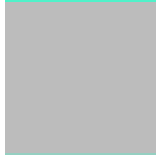


Tritanomaly
6286826

Monochromacy



Original Color
5304777



Achromatopsia
12369084



Achromatomaly
9818049

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5304777 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 #50F1C9 looks like.

```
.text, #text, p{  
    color:#50F1C9  
}
```

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 #50F1C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50F1C9
}
```

Border

The CSS property to change the border of an element to Decimal 5304777 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
#50F1C9 }
```

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

```
.border{ border-color:#50F1C9 }
```

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

Here you see how a box with a 4 pixel #50F1C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50F1C9; -webkit-box-shadow:4px 4px  
4px 4px #50F1C9; box-shadow:4px 4px 4px  
4px #50F1C9 }
```

Background

The CSS property to change the background color of an element to Decimal 5304777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50F1C9 }
```

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

```
.background{ background-color:#50F1C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor