

Converting Colors

Decimal(5307333)

Have a look what the booklet for
Decimal(5307333) contains.

Decimal(5307333)	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(5307333)

Conversions

Conversions Part 1

Format	Color
Hex	50FBC5
RGB	80, 251, 197
RGB Percent	31%, 98%, 77%
CMY	0.6863, 0.0157, 0.2275
CMYK	0.68, 0.00, 0.22, 0.02
HSL	161°, 96%, 65%
HSV	161°, 68%, 98%
XYZ	47.8835, 74.7311, 64.7241
YIQ	193.7150, -84.5820, -53.0460

Conversions

Conversions Part 2

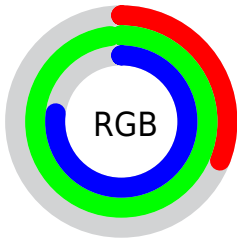
Format	Color
RYB	80, 182, 251
Decimal	5307333
CIELab	89.27, -55.89, 13.33
CIELCh	89, 57.455, 166.584
Yxy	74.7311, 0.2556, 0.3989
Android (android.graphics.Color)	4283497413 (0xFF50FBC5)
YUV	193.7150, 1.6195, -99.7281
Hunter-Lab	86.4471, -52.4104, 16.1218

Details

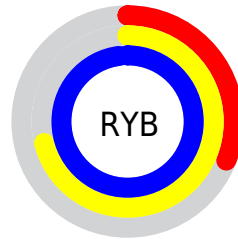
The Decimal color **5307333** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **16470150**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **9764862**, and **49551** is the 20% darker color. If you saturate the color by 10%, you get **3668925**, and if you desaturate by 10%, it is **6945741**.

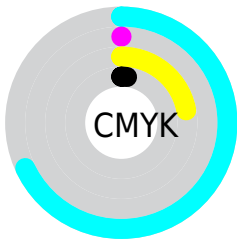
Distribution



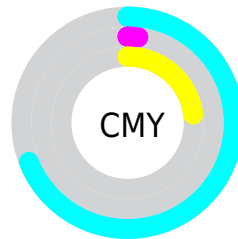
- Red (31%)
- Green (98%)
- Blue (77%)



- Red (31%)
- Yellow (71%)
- Blue (98%)



- Cyan (68%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (69%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5307333 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 5307333 by changing the saturation by 10% instead.

5307333

5307333

16777215

2219690

9764862

49551

11796479

42358

13828095

35421

15859711

28741

22063

15642

9728

0

■ 5307333

■ 5307333

■ 3668925

■ 6945741

■ 2030517

■ 8584149

■ 392109

■ 10222557

■ 64428

■ 11860965

■ 13499373

■ 15203317

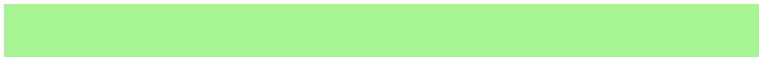
■ 16776188

■ 16776191

Harmonies

Analogous

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



10941586



5307333



65022

Triad

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



5307333



12508159



16761235

Complementary

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



5307333



16470150

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.



16757956



5307333



16762623

Square

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



5307333



4124159



16758523



16766324

Rectangle

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



5307333



64255



16758523



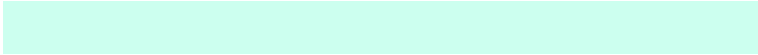
16759714

Sweetspot

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



5307333



13434863



8846160



6389878



0



8421504

Same Dimension

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



5307333



3080125



5299451



7372153



48513



15658

Inverse Universe

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



16470150



16723568



16478032



8220788



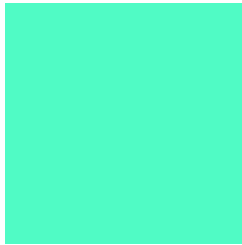
12386364



3997715

Previews

White Background



This preview shows how the Decimal color 5307333 looks on a white background.

Color Contrast Check

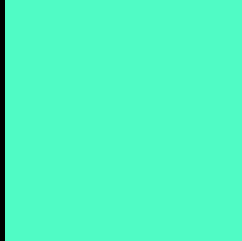
Large Text (above 18pt) WCAG AA × Fail

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 5307333 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 5307333 Background



This preview shows how black text looks on a background with the Decimal color 5307333.

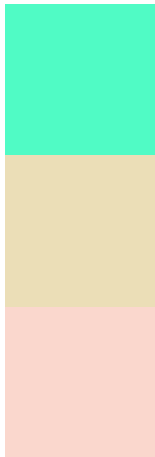


This preview shows how white text looks on a background with the Decimal color 5307333.

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



Original Color
5307333

Protanopia
15457975

Deuteranopia
16439245

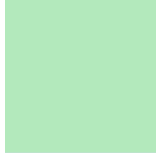


Tritanopia
9170943

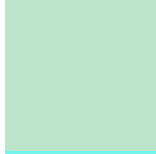
Trichromacy



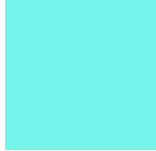
Original Color
5307333



Protanomaly
11790780

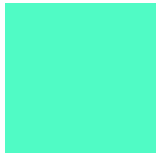


Deuteranomaly
12379338

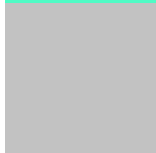


Tritanomaly
7795690

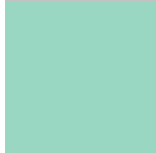
Monochromacy



Original Color
5307333



Achromatopsia
12763842



Achromatomaly
10082243

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5307333 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 #50FBC5 looks like.

```
.text, #text, p{  
    color:#50FBC5  
}
```

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 #50FBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FBC5
}
```

Border

The CSS property to change the border of an element to Decimal 5307333 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
#50FBC5 }
```

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

```
.border{ border-color:#50FBC5 }
```

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

Here you see how a box with a 4 pixel #50FBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FBC5; -webkit-box-shadow:4px 4px  
4px 4px #50FBC5; box-shadow:4px 4px 4px  
4px #50FBC5 }
```

Background

The CSS property to change the background color of an element to Decimal 5307333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FBC5 }
```

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

```
.background{ background-color:#50FBC5 }
```

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