

Converting Colors

Decimal(5305203)

Have a look what the booklet for
Decimal(5305203) contains.

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Color

Decimal(5305203)

Conversions

Conversions Part 1

Format	Color
Hex	50F373
RGB	80, 243, 115
RGB Percent	31%, 95%, 45%
CMY	0.6863, 0.0471, 0.5490
CMYK	0.67, 0.00, 0.53, 0.05
HSL	133°, 87%, 63%
HSV	133°, 67%, 95%
XYZ	38.4534, 67.0445, 27.1338
YIQ	179.6710, -56.0600, -74.3640

Conversions

Conversions Part 2

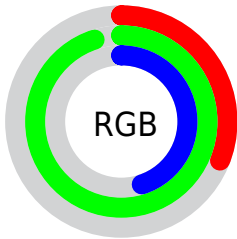
Format	Color
RYB	80, 214, 243
Decimal	5305203
CIELab	85.53, -67.81, 49.19
CIELCh	86, 83.773, 144.045
Yxy	67.0445, 0.2899, 0.5055
Android (android.graphics.Color)	4283495283 (0xFF50F373)
YUV	179.6710, -31.8828, -87.4115
Hunter-Lab	81.8807, -59.4628, 37.6688

Details

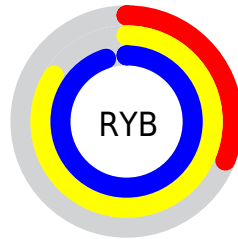
The Decimal color **5305203** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **15945936**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **9633705**, and **47422** is the 20% darker color. If you saturate the color by 10%, you get **3732320**, and if you desaturate by 10%, it is **6878086**.

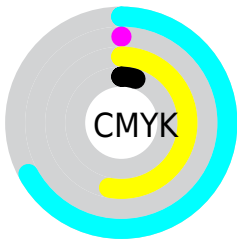
Distribution



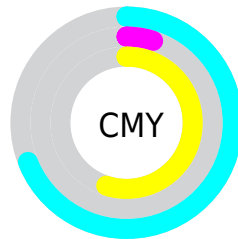
- Red (31%)
- Green (95%)
- Blue (45%)



- Red (31%)
- Yellow (84%)
- Blue (95%)



- Cyan (67%)
- Magenta (0%)
- Yellow (53%)
- Black (5%)



- Cyan (69%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5305203 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 5305203 by changing the saturation by 10% instead.

5305203

5305203

16777215

2348633

9633705

47422

11730885

40483

13762530

33280

15794175

26624

19968

14080

7168

0

■ 5305203

■ 5305203

■ 3732320

■ 6878086

■ 2093901

■ 8516505

■ 521018

■ 10089388

■ 62260

■ 11662271

■ 13300690

■ 14873573

■ 16446457

■ 16774143

Harmonies

Analogous

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



12575791



5305203



64195

Triad

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



5305203



58623



16748186

Complementary

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



5305203



15945936

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.



16746985



5305203



12044287

Square

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



5305203



62719



16753919



16755796

Rectangle

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



5305203



64506



16753919



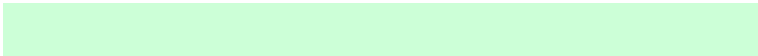
16746932

Sweetspot

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



5305203



13434839



13824848



6389863



0



8421504

Same Dimension

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



5305203



3407711



5305282



7240305



47656



15117

Inverse Universe

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



15945936



16724947



15945857



8023672



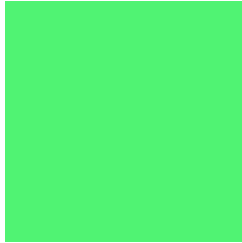
12189842



3866670

Previews

White Background



This preview shows how the Decimal color 5305203 looks on a white background.

Color Contrast Check

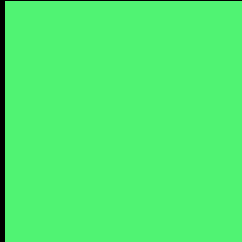
Large Text (above 18pt) WCAG AA × Fail

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 5305203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

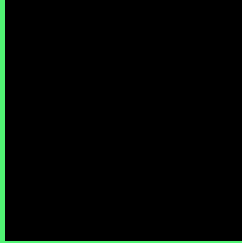
Any Text WCAG AA ✓ Pass

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 5305203 Background



This preview shows how black text looks on a background with the Decimal color 5305203.

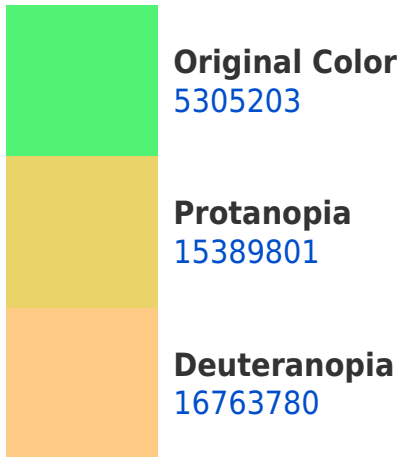


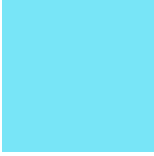
This preview shows how white text looks on a background with the Decimal color 5305203.

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
7923191

Trichromacy



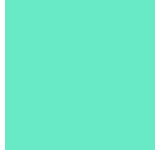
Original Color
5305203



Protanomaly
11722605



Deuteranomaly
12573310

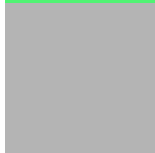


Tritanomaly
6941383

Monochromacy



Original Color
5305203



Achromatopsia
11842740



Achromatomaly
9489308

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5305203 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 #50F373 looks like.

```
.text, #text, p{  
    color:#50F373  
}
```

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 #50F373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50F373  
}
```

Border

The CSS property to change the border of an element to Decimal 5305203 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  
#50F373 }
```

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

```
.border{ border-color:#50F373 }
```

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

Here you see how a box with a 4 pixel #50F373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50F373; -webkit-box-shadow:4px 4px  
4px 4px #50F373; box-shadow:4px 4px 4px  
4px #50F373 }
```

Background

The CSS property to change the background color of an element to Decimal 5305203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50F373 }
```

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

```
.background{ background-color:#50F373 }
```

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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