

Converting Colors

Decimal(5305201)

Have a look what the booklet for
Decimal(5305201) contains.

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Color

Decimal(5305201)

Conversions

Conversions Part 1

Format	Color
Hex	50F371
RGB	80, 243, 113
RGB Percent	31%, 95%, 44%
CMY	0.6863, 0.0471, 0.5569
CMYK	0.67, 0.00, 0.53, 0.05
HSL	132°, 87%, 63%
HSV	132°, 67%, 95%
XYZ	38.3395, 66.9989, 26.5342
YIQ	179.4430, -55.4180, -74.9860

Conversions

Conversions Part 2

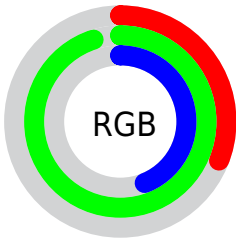
Format	Color
R _{YB}	80, 216, 243
Decimal	5305201
CIE Lab	85.50, -68.08, 50.08
CIE LCh	86, 84.516, 143.660
Yxy	66.9989, 0.2907, 0.5081
Android (android.graphics.Color)	4283495281 (0xFF50F371)
YUV	179.4430, -32.7564, -87.2115
Hunter-Lab	81.8529, -59.6340, 38.0770

Details

The Decimal color **5305201** 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 **15945938**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **9633703**, and **47420** is the 20% darker color. If you saturate the color by 10%, you get **3732318**, and if you desaturate by 10%, it is **6878084**.

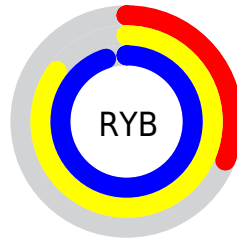
Distribution



Red (31%)

Green (95%)

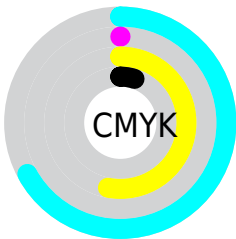
Blue (44%)



Red (31%)

Yellow (85%)

Blue (95%)

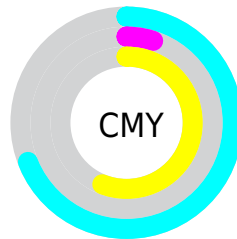


Cyan (67%)

Magenta (0%)

Yellow (53%)

Black (5%)



Cyan (69%)

Magenta (5%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5305201 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 5305201 by changing the saturation by 10% instead.

5305201

5305201

16777215

2348631

9633703

47420

11730883

40480

13762528

33280

15794173

26624

19968

14080

7168

0

■ 5305201

■ 5305201

■ 3732318

■ 6878084

■ 2093898

■ 8516504

■ 521015

■ 10089387

■ 62257

■ 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.



12641324



5305201



64193

Triad

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



5305201



58623



16747930

Complementary

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



5305201



15945938

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.



16746730



5305201



11913471

Square

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



5305201



62975



16753919



16755540

Rectangle

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



5305201



64505



16753919



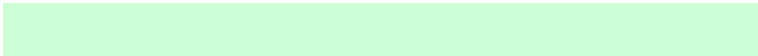
16746420

Sweetspot

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



5305201



13434838



13824848



6389863



0



8421504

Same Dimension

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



5305201



3407708



5305282



7240305



47654



15116

Inverse Universe

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



15945938



16724950



15945857



8023672



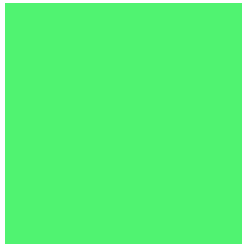
12189844



3866671

Previews

White Background



This preview shows how the Decimal color 5305201 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 5305201 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 5305201 Background



This preview shows how black text looks on a background with the Decimal color 5305201.

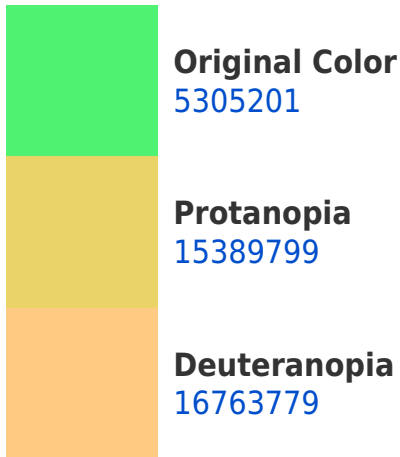


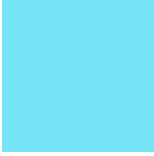
This preview shows how white text looks on a background with the Decimal color 5305201.

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



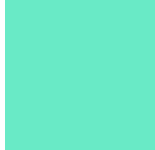
Original Color
5305201



Protanomaly
11722603



Deuteranomaly
12573308

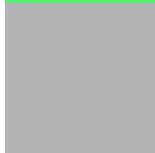


Tritanomaly
6941382

Monochromacy



Original Color
5305201



Achromatopsia
11776947



Achromatomaly
9423515

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5305201 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 #50F371 looks like.

```
.text, #text, p{  
    color:#50F371  
}
```

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 #50F371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50F371
}
```

Border

The CSS property to change the border of an element to Decimal 5305201 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
#50F371 }
```

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

```
.border{ border-color:#50F371 }
```

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

Here you see how a box with a 4 pixel #50F371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50F371; -webkit-box-shadow:4px 4px  
4px 4px #50F371; box-shadow:4px 4px 4px  
4px #50F371 }
```

Background

The CSS property to change the background color of an element to Decimal 5305201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50F371 }
```

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

```
.background{ background-color:#50F371 }
```

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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