

Converting Colors

Decimal(5305197)

Have a look what the booklet for
Decimal(5305197) contains.

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Color

Decimal(5305197)

Conversions

Conversions Part 1	
Format	Color
Hex	50F36D
RGB	80, 243, 109
RGB Percent	31%, 95%, 43%
CMY	0.6863, 0.0471, 0.5725
CMYK	0.67, 0.00, 0.55, 0.05
HSL	131°, 87%, 63%
HSV	131°, 67%, 95%
XYZ	38.1192, 66.9108, 25.3740
YIQ	178.9870, -54.1340, -76.2300

Conversions

Conversions Part 2

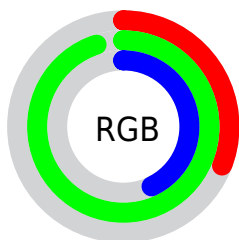
Format	Color
RYB	80, 218, 243
Decimal	5305197
CIELab	85.46, -68.60, 51.85
CIELCh	85, 85.989, 142.913
Yxy	66.9108, 0.2923, 0.5131
Android (android.graphics.Color)	4283495277 (0xFF50F36D)
YUV	178.9870, -34.5036, -86.8116
Hunter-Lab	81.7990, -59.9655, 38.8676

Details

The Decimal color **5305197** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **15945942**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9699235**, and **47416** is the 20% darker color. If you saturate the color by 10%, you get **3732313**, and if you desaturate by 10%, it is **6878081**.

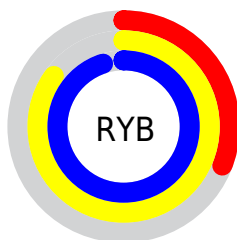
Distribution



Red (31%)

Green (95%)

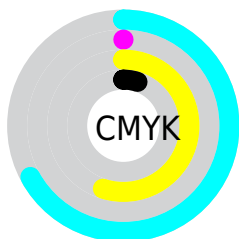
Blue (43%)



Red (31%)

Yellow (85%)

Blue (95%)

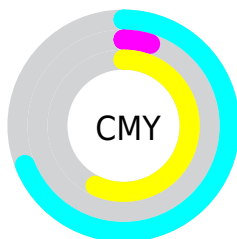


Cyan (67%)

Magenta (0%)

Yellow (55%)

Black (5%)



Cyan (69%)

Magenta (5%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5305197 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 5305197 by changing the saturation by 10% instead.

 5305197

 5305197

16777215

 2348626

 9699235

 47416

 11730879

 40218

 13762524

 33280

 15794169

 26624

 19968

 13824

 7168

 0

 5305197

 5305197

 3732313

 6878081

 2093893

 8516501

 521009

 10089385

 62251

 11662269

 13300689

 14873573

 16446457

 16774143

Harmonies

Analogous

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



12706852



5305197



64191

Triad

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



5305197



58879



16747163

Complementary

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



5305197



15945942

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.



16746220



5305197



11520255

Square

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



5305197



62975



16753663



16755283

Rectangle

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



5305197



64760



16753663



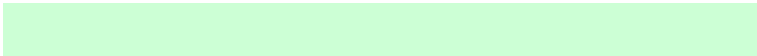
16745910

Sweetspot

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



5305197



13434837



14218064



6389862



0



8421504

Same Dimension

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



5305197



3407703



5305277



7240304



47649



15114

Inverse Universe

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



15945942



16724955



15945862



8023672



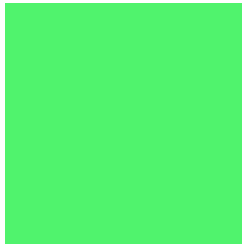
12189849



3866672

Previews

White Background



This preview shows how the Decimal color 5305197 looks on a white background.

Color Contrast Check

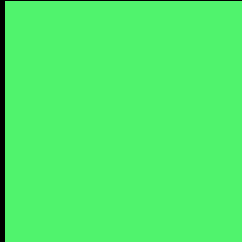
Large Text (above 18pt) WCAG AA × Fail

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 5305197 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

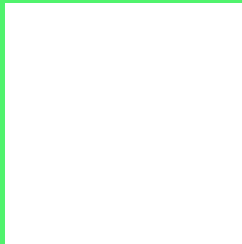
Any Text WCAG AAA ✓ Pass

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

Decimal 5305197 Background



This preview shows how black text looks on a background with the Decimal color 5305197.

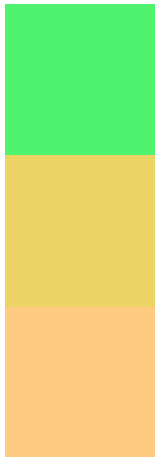


This preview shows how white text looks on a background with the Decimal color 5305197.

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](#).

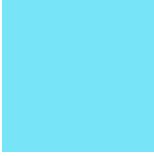
Dichromacy



Original Color
5305197

Protanopia
15455331

Deuteranopia
16763777



Tritanopia
7922935

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5305197 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 #50F36D looks like.

```
.text, #text, p{  
    color:#50F36D  
}
```

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 #50F36D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50F36D
}
```

Border

The CSS property to change the border of an element to Decimal 5305197 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
#50F36D }
```

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

```
.border{ border-color:#50F36D }
```

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

Here you see how a box with a 4 pixel #50F36D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50F36D; -webkit-box-shadow:4px 4px  
4px 4px #50F36D; box-shadow:4px 4px 4px  
4px #50F36D }
```

Background

The CSS property to change the background color of an element to Decimal 5305197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50F36D }
```

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

```
.background{ background-color:#50F36D }
```

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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