

Converting Colors

Decimal(5370517)

Have a look what the booklet for
Decimal(5370517) contains.

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Color

Decimal(5370517)

Conversions

Conversions Part 1

Format	Color
Hex	51F295
RGB	81, 242, 149
RGB Percent	32%, 95%, 58%
CMY	0.6824, 0.0510, 0.4157
CMYK	0.67, 0.00, 0.38, 0.05
HSL	145°, 86%, 63%
HSV	145°, 67%, 95%
XYZ	40.5703, 67.4235, 39.3095
YIQ	183.2590, -66.1030, -63.0550

Conversions

Conversions Part 2

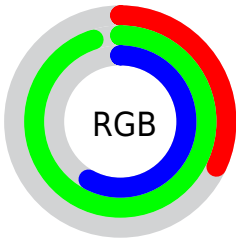
Format	Color
RYB	81, 194, 242
Decimal	5370517
CIELab	85.72, -61.97, 32.96
CIElCh	86, 70.192, 151.990
Yxy	67.4235, 0.2754, 0.4577
Android (android.graphics.Color)	4283560597 (0xFF51F295)
YUV	183.2590, -16.8897, -89.6811
Hunter-Lab	82.1118, -55.5014, 29.0943

Details

The Decimal color **5370517** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **15880622**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **9633740**, and **47457** is the 20% darker color. If you saturate the color by 10%, you get **3797639**, and if you desaturate by 10%, it is **6943395**.

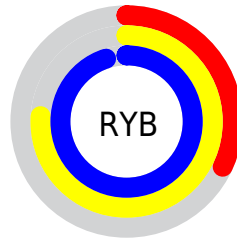
Distribution



Red (32%)

Green (95%)

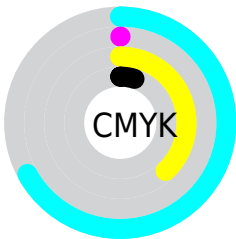
Blue (58%)



Red (32%)

Yellow (76%)

Blue (95%)

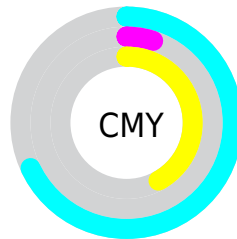


Cyan (67%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5370517 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 5370517 by changing the saturation by 10% instead.

5370517

5370517

16777215

2610555

9633740

47457

11665384

40264

13697023

33328

15728639

26392

19968

13824

7168

0

 5370517

 5370517

 3797639

 6943395

 2224761

 8516273

 586347

 10154687

 62054

 11727565

 13300443

 14873321

 16446199

 16773887

Harmonies

Analogous

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



11790175



5370517



63449

Triad

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



5370517



4971775



16753812

Complementary

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



5370517



15880622

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.



16751317



5370517



14664703

Square

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



5370517



60927



16754943



16759904

Rectangle

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



5370517



63487



16754943



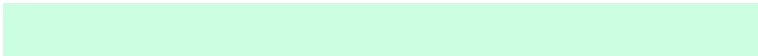
16752296

Sweetspot

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



5370517



13434850



11530833



6389870



0



8421504

Same Dimension

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



5370517



3407753



5370597



7108721



47182



14360

Inverse Universe

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



15880622



16724905



15880542



7892083



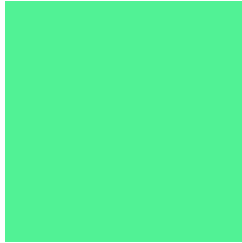
12058730



3670048

Previews

White Background



This preview shows how the Decimal color 5370517 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 5370517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

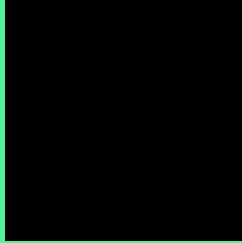
Any Text WCAG AA ✓ Pass

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 5370517 Background



This preview shows how black text looks on a background with the Decimal color 5370517.

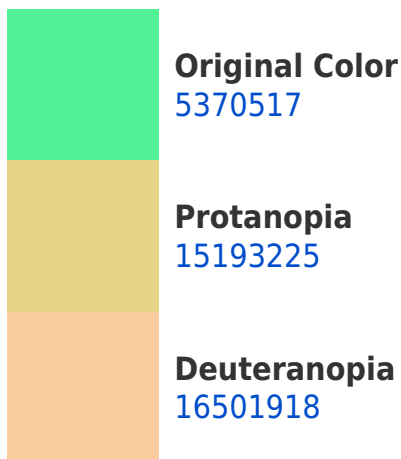


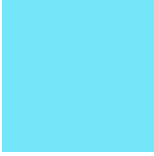
This preview shows how white text looks on a background with the Decimal color 5370517.

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](#).

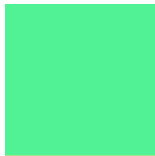
Dichromacy





Tritanopia
7595769

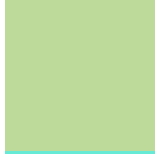
Trichromacy



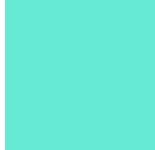
Original Color
5370517



Protanomaly
11591565



Deuteranomaly
12442267



Tritanomaly
6810325

Monochromacy



Original Color
5370517



Achromatopsia
12040119



Achromatomaly
9620651

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5370517 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 #51F295 looks like.

```
.text, #text, p{  
    color:#51F295  
}
```

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 #51F295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F295
}
```

Border

The CSS property to change the border of an element to Decimal 5370517 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
#51F295 }
```

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

```
.border{ border-color:#51F295 }
```

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

Here you see how a box with a 4 pixel #51F295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F295; -webkit-box-shadow:4px 4px  
4px 4px #51F295; box-shadow:4px 4px 4px  
4px #51F295 }
```

Background

The CSS property to change the background color of an element to Decimal 5370517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F295 }
```

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

```
.background{ background-color:#51F295 }
```

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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