

Converting Colors

Decimal(5373096)

Have a look what the booklet for
Decimal(5373096) contains.

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Color

Decimal(5373096)

Conversions

Conversions Part 1

Format	Color
Hex	51FCA8
RGB	81, 252, 168
RGB Percent	32%, 99%, 66%
CMY	0.6824, 0.0118, 0.3412
CMYK	0.68, 0.00, 0.33, 0.01
HSL	151°, 97%, 65%
HSV	151°, 68%, 99%
XYZ	45.2716, 74.1973, 48.9812
YIQ	191.2950, -74.9520, -62.3760

Conversions

Conversions Part 2

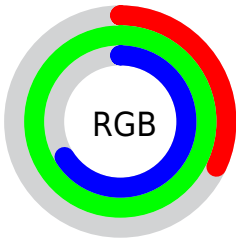
Format	Color
RYB	81, 194, 252
Decimal	5373096
CIELab	89.02, -62.17, 27.82
CIELCh	89, 68.112, 155.896
Yxy	74.1973, 0.2688, 0.4405
Android (android.graphics.Color)	4283563176 (0xFF51FCA8)
YUV	191.2950, -11.4844, -96.7287
Hunter-Lab	86.1378, -56.9267, 26.5820

Details

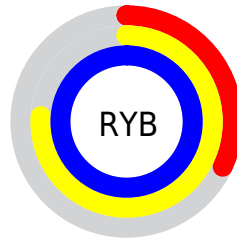
The Decimal color **5373096** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **16535973**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **9764832**, and **49779** is the 20% darker color. If you saturate the color by 10%, you get **3734684**, and if you desaturate by 10%, it is **7011508**.

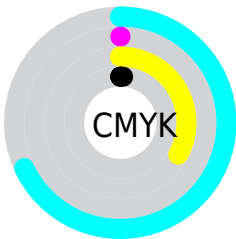
Distribution



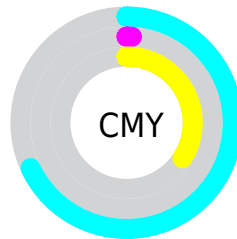
- Red (32%)
- Green (99%)
- Blue (66%)



- Red (32%)
- Yellow (76%)
- Blue (99%)



- Cyan (68%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)



- Cyan (68%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5373096 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 5373096 by changing the saturation by 10% instead.

5373096

5373096

16777215

2416525

9764832

49779

11796476

42586

13828095

35650

15859711

28715

22036

15616

9472

0

■ 5373096

■ 5373096

■ 3734684

■ 7011508

■ 2096271

■ 8649921

■ 392323

■ 10353869

■ 64640

■ 11992282

■ 13630694

■ 15269106

■ 16776447

Harmonies

Analogous

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



11858545



5373096



65515

Triad

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



5373096



8315647



16757399

Complementary

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



5373096



16535973

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.



16754389



5373096



16108031

Square

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



5373096



62719



16757247



16763240

Rectangle

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



5373096



65535



16757247



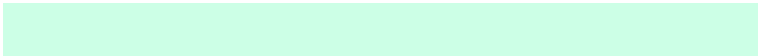
16755882

Sweetspot

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



5373096



13434854



11009105



6389872



0



8421504

Same Dimension

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



5373096



3211162



5373180



7372151



48480



15647

Inverse Universe

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



16535973



16724118



16535889



8220791



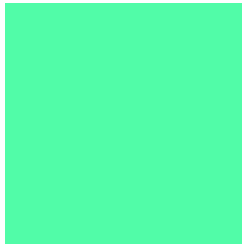
12386397



3997726

Previews

White Background



This preview shows how the Decimal color 5373096 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 5373096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

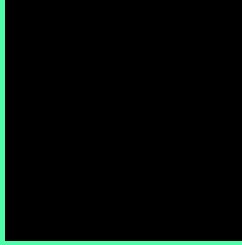
Any Text WCAG AA ✓ Pass

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 5373096 Background



This preview shows how black text looks on a background with the Decimal color 5373096.




This preview shows how white text looks on a background with the Decimal color 5373096.

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](#).

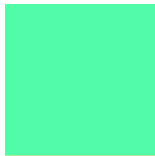
Dichromacy





Tritanopia
9039615

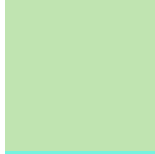
Trichromacy



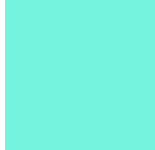
Original Color
5373096



Protanomaly
11987104



Deuteranomaly
12641457



Tritanomaly
7730143

Monochromacy



Original Color
5373096



Achromatopsia
12566463



Achromatomaly
9950647

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5373096 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 #51FCA8 looks like.

```
.text, #text, p{  
    color:#51FCA8  
}
```

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 #51FCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51FCA8
}
```

Border

The CSS property to change the border of an element to Decimal 5373096 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
#51FCA8 }
```

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

```
.border{ border-color:#51FCA8 }
```

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

Here you see how a box with a 4 pixel #51FCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51FCA8; -webkit-box-shadow:4px 4px  
4px 4px #51FCA8; box-shadow:4px 4px 4px  
4px #51FCA8 }
```

Background

The CSS property to change the background color of an element to Decimal 5373096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51FCA8 }
```

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

```
.background{ background-color:#51FCA8 }
```

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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