

Converting Colors

Decimal(5373642)

Have a look what the booklet for
Decimal(5373642) contains.

Decimal(5373642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5373642)

Conversions

Conversions Part 1

Format	Color
Hex	51FECA
RGB	81, 254, 202
RGB Percent	32%, 100%, 79%
CMY	0.6824, 0.0039, 0.2078
CMYK	0.68, 0.00, 0.20, 0.00
HSL	162°, 99%, 66%
HSV	162°, 68%, 100%
XYZ	49.4958, 76.8972, 68.1111
YIQ	196.3450, -86.4160, -52.8480

Conversions

Conversions Part 2

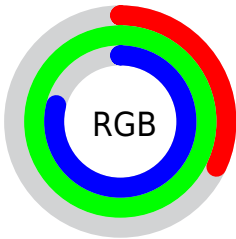
Format	Color
R _Y B	81, 183, 254
Decimal	5373642
CIE Lab	90.27, -55.81, 12.18
CIE LCh	90, 57.127, 167.685
Yxy	76.8972, 0.2545, 0.3954
Android (android.graphics.Color)	4283563722 (0xFF51FECA)
YUV	196.3450, 2.7879, -101.1576
Hunter-Lab	87.6911, -52.7079, 15.3322

Details

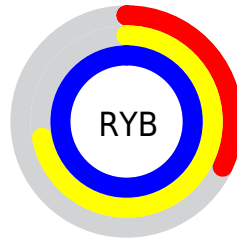
The Decimal color **5373642** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **16667013**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **9830399**, and **50324** is the 20% darker color. If you saturate the color by 10%, you get **3735234**, and if you desaturate by 10%, it is **7012050**.

Distribution



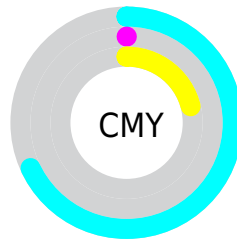
- Red (32%)
- Green (100%)
- Blue (79%)



- Red (32%)
- Yellow (72%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5373642 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 5373642 by changing the saturation by 10% instead.

 5373642

 5373642

16777215

 2285999

 9830399

 50324

 11862015

 43130

 13959167

 36193

 15990783

 29257

 22835

 16413

 10502

 512

■ 5373642

■ 5373642

■ 3735234

■ 7012050

■ 2031291

■ 8715993

■ 392883

■ 10354401

■ 65202

■ 12058345

■ 13696752

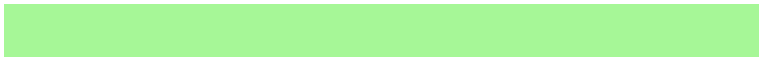
■ 15335160

16776959

Harmonies

Analogous

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



10942359



5373642



65535

Triad

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



5373642



12901887



16762260

Complementary

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



5373642



16667013

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.



16758981



5373642



16763391

Square

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



5373642



5173247



16759292



16767095

Rectangle

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



5373642



65023



16759292



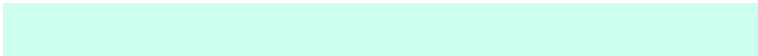
16760739

Sweetspot

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



5373642



13434864



8978001



6389878



0



8421504

Same Dimension

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



5373642



3080128



5365502



7569532



49030



16429

Inverse Universe

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



16667013



16723565



16675153



8418167



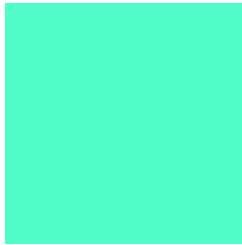
12517433



4194323

Previews

White Background



This preview shows how the Decimal color 5373642 looks on a white background.

Color Contrast Check

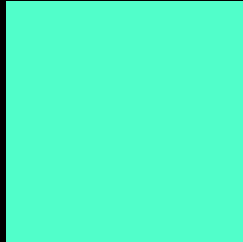
Large Text (above 18pt) WCAG AA × Fail

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 5373642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

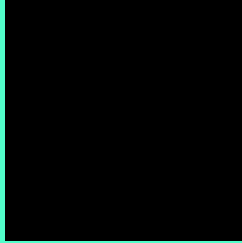
Any Text WCAG AA ✓ Pass

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 5373642 Background



This preview shows how black text looks on a background with the Decimal color 5373642.

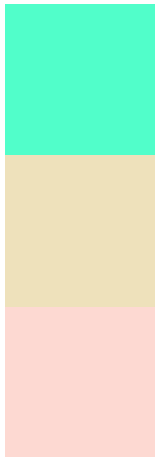


This preview shows how white text looks on a background with the Decimal color 5373642.

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
5373642

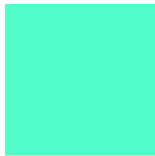
Protanopia
15655355

Deuteranopia
16636370

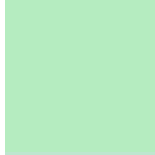


Tritanopia
10023167

Trichromacy



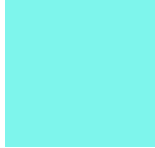
Original Color
5373642



Protanomaly
11922624



Deuteranomaly
12510927

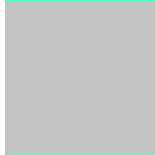


Tritanomaly
8320492

Monochromacy



Original Color
5373642



Achromatopsia
12895428



Achromatomaly
10148294

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5373642 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 #51FECA looks like.

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

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 #51FECA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 5373642 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
#51FECA }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 5373642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor