

Converting Colors

Decimal(5350398)

Have a look what the booklet for
Decimal(5350398) contains.

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Color

Decimal(5350398)

Conversions

Conversions Part 1

Format	Color
Hex	51A3FE
RGB	81, 163, 254
RGB Percent	32%, 64%, 100%
CMY	0.6824, 0.3608, 0.0039
CMYK	0.68, 0.36, 0.00, 0.00
HSL	212°, 99%, 66%
HSV	212°, 68%, 100%
XYZ	34.3799, 35.0995, 98.7288
YIQ	148.8560, -78.0830, 10.9170

Conversions

Conversions Part 2

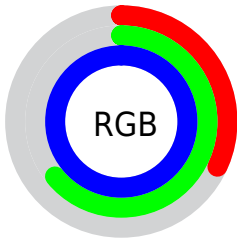
Format	Color
R _Y B	81, 137, 254
Decimal	5350398
CIE Lab	65.83, 3.55, -52.50
CIE LCh	66, 52.620, 273.874
Yxy	35.0995, 0.2044, 0.2087
Android (android.graphics.Color)	4283540478 (0xFF51A3FE)
YUV	148.8560, 51.8360, -59.5097
Hunter-Lab	59.2448, -0.0944, -57.3327

Details

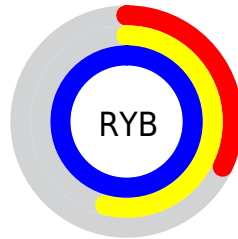
The Decimal color **5350398** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **16690257**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9689855**, and **28869** is the 20% darker color. If you saturate the color by 10%, you get **3708670**, and if you desaturate by 10%, it is **6992126**.

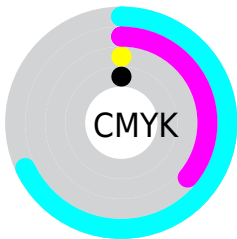
Distribution



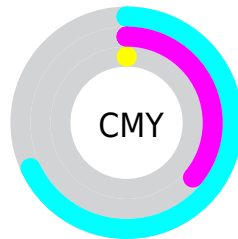
- Red (32%)
- Green (64%)
- Blue (100%)



- Red (32%)
- Yellow (54%)
- Blue (100%)



- Cyan (68%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5350398 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 5350398 by changing the saturation by 10% instead.

■ 5350398

■ 5350398

16777215

■ 2525665

■ 9689855

■ 28869

■ 11663103

■ 22697

■ 13697023

■ 16782

■ 15728639

■ 11380

■ 6491

■ 1859

■ 812

■ 278

■ 5350398

■ 5350398

■ 3708670

■ 6992126

■ 2001150

■ 8699646

■ 359422

■ 10341374

■ 30974

■ 12048638

■ 13690622

■ 15332350

16777214

Harmonies

Analogous

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



45300



5350398



11244015

Triad

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



5350398



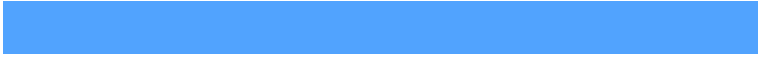
15957614



4240501

Complementary

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



5350398



16690257

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.



8694862



5350398



14454347

Square

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



5350398



16152476



11902781



47013

Rectangle

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



5350398



13731032



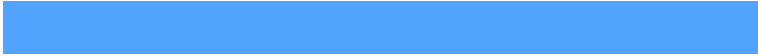
11902781



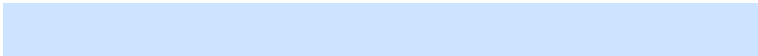
6009446

Sweetspot

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



5350398



13427967



5373610



6385536



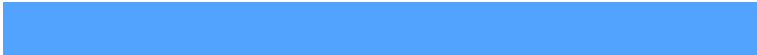
0



8421504

Same Dimension

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



5350398



3052031



5526014



7567744



23487



7744

Inverse Universe

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



16667043



16723601



16514641



8418169



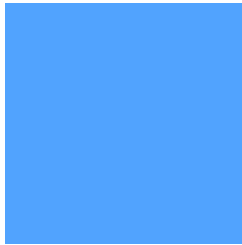
12517467



4194334

Previews

White Background



This preview shows how the Decimal color 5350398 looks on a white background.

Color Contrast Check

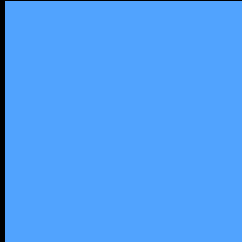
Large Text (above 18pt) WCAG AA × Fail

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 5350398 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

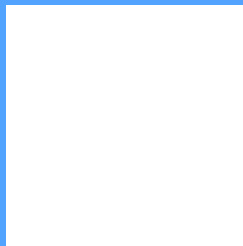
Any Text WCAG AAA ✓ Pass

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

Decimal 5350398 Background



This preview shows how black text looks on a background with the Decimal color 5350398.



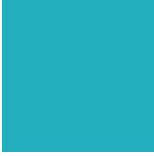
This preview shows how white text looks on a background with the Decimal color 5350398.

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
2273470

Trichromacy



Original Color
5350398

Protanomaly
7184378

Deuteranomaly
6267135

Tritanomaly
3386325

Monochromacy



Original Color
5350398

Achromatopsia
9803157

Achromatomaly
8166075

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5350398 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 #51A3FE looks like.

```
.text, #text, p{  
    color:#51A3FE  
}
```

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 #51A3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A3FE
}
```

Border

The CSS property to change the border of an element to Decimal 5350398 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
#51A3FE }
```

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

```
.border{ border-color:#51A3FE }
```

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

Here you see how a box with a 4 pixel #51A3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A3FE; -webkit-box-shadow:4px 4px  
4px 4px #51A3FE; box-shadow:4px 4px 4px  
4px #51A3FE }
```

Background

The CSS property to change the background color of an element to Decimal 5350398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A3FE }
```

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

```
.background{ background-color:#51A3FE }
```

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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