

# Converting Colors

Decimal(3518197)

Have a look what the booklet for  
Decimal(3518197) contains.

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# **Color**

**Decimal(3518197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35AEF5
RGB	53, 174, 245
RGB Percent	21%, 68%, 96%
CMY	0.7922, 0.3176, 0.0392
CMYK	0.78, 0.29, 0.00, 0.04
HSL	202°, 91%, 58%
HSV	202°, 78%, 96%
XYZ	33.0857, 37.6216, 91.9041
YIQ	145.9150, -94.9070, -3.5710

# Conversions

## Conversions Part 2

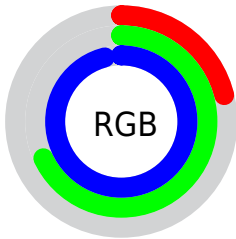
Format	Color
<a href="#">RYB</a>	53, 127, 245
Decimal	3518197
CIELab	67.74, -9.23, -44.63
CIELCh	68, 45.575, 258.320
Yxy	37.6216, 0.2035, 0.2314
Android (android.graphics.Color)	4281708277 (0xFF35AEF5)
YUV	145.9150, 48.8489, -81.4865
Hunter-Lab	61.3364, -11.0534, -45.9023

# Details

The Decimal color **3518197** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **16088117**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8381951**, and **31420** is the 20% darker color. If you saturate the color by 10%, you get **1877493**, and if you desaturate by 10%, it is **5158901**.

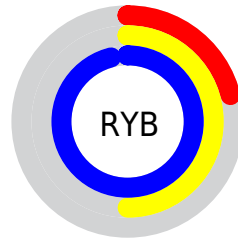
# Distribution



Red (21%)

Green (68%)

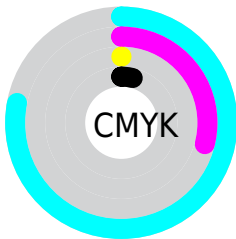
Blue (96%)



Red (21%)

Yellow (50%)

Blue (96%)

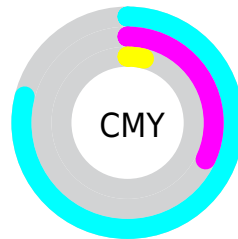


Cyan (78%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (79%)

Magenta (32%)


















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3518197 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 3518197 by changing the saturation by 10% instead.



 3518197	 3518197
 16777215	 37848
 8381951	 31420
 10485759	 24993
 12517375	 19079
 14614527	 13165
 16646143	 8020
	 1596
	 550
	 271

■ 3518197

■ 3518197

■ 1877493

■ 5158901

■ 302325

■ 6734069

■ 39669

■ 8374773

■ 9949941

■ 11590645

■ 13165813

■ 14806517

■ 16381685

■ 16777205

# Harmonies

## Analogous

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



47073



3518197



9412851

# Triad

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



3518197



15959181



7779437

# Complementary

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



3518197



16088117

# 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.



10857300



3518197



15240809

# Square

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



3518197



15369655



13409619



3455379

# Rectangle

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



3518197



12097254



13409619



8892770

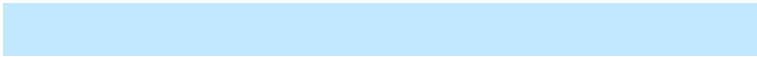


# Sweetspot

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



3518197



12773631



3536251



5993088



0



8421504

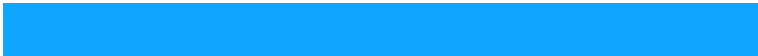


# Same Dimension

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



3518197



1025791



3493877



7239290



30138



9531



# Inverse Universe

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



16070062



16715686



16112437



8023670



12189813

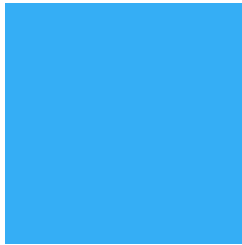


3866661



# Previews

## White Background



This preview shows how the Decimal color 3518197 looks on a white background.

## Color Contrast Check

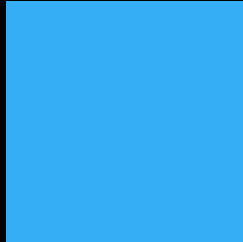
Large Text (above 18pt) WCAG AA × Fail

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 3518197 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

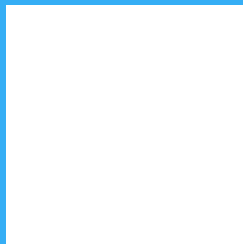
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3518197 Background



This preview shows how black text looks on a background with the Decimal color 3518197.



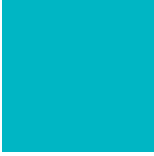
This preview shows how white text looks on a background with the Decimal color 3518197.

# 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](#).

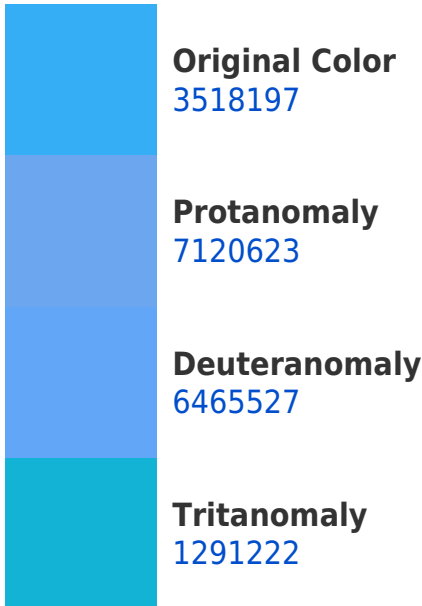
## Dichromacy





**Tritanopia**  
46788

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3518197 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 #35AEF5 looks like.

```
.text, #text, p{  
  color:#35AEF5  
}
```

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 #35AEF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AEF5
}
```

## Border

The CSS property to change the border of an element to Decimal 3518197 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
#35AEF5 }
```

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

```
.border{ border-color:#35AEF5 }
```

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

Here you see how a box with a 4 pixel #35AEF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AEF5; -webkit-box-shadow:4px 4px  
4px 4px #35AEF5; box-shadow:4px 4px 4px  
4px #35AEF5 }
```

# Background

The CSS property to change the background color of an element to Decimal 3518197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AEF5 }
```

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

```
.background{ background-color:#35AEF5 }
```

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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