

# Converting Colors

Decimal(3520759)

Have a look what the booklet for  
Decimal(3520759) contains.

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# **Color**

**Decimal(3520759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35B8F7
RGB	53, 184, 247
RGB Percent	21%, 72%, 97%
CMY	0.7922, 0.2784, 0.0314
CMYK	0.79, 0.26, 0.00, 0.03
HSL	199°, 92%, 59%
HSV	199°, 79%, 97%
XYZ	35.3972, 41.7533, 94.1892
YIQ	152.0130, -98.2990, -8.1790

# Conversions

## Conversions Part 2

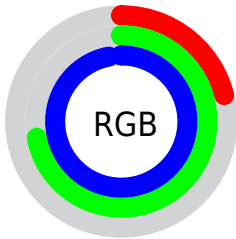
Format	Color
R <sub>Y</sub> B	53, 131, 247
Decimal	3520759
CIE Lab	70.70, -13.98, -41.08
CIE LCh	71, 43.394, 251.212
Yxy	41.7533, 0.2066, 0.2437
Android (android.graphics.Color)	4281710839 (0xFF35B8F7)
YUV	152.0130, 46.8286, -86.8344
Hunter-Lab	64.6168, -15.2967, -41.1929

# Details

The Decimal color **3520759** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **16217141**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **8450303**, and **33726** is the 20% darker color. If you saturate the color by 10%, you get **1880311**, and if you desaturate by 10%, it is **5161207**.

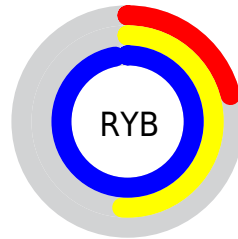
# Distribution



Red (21%)

Green (72%)

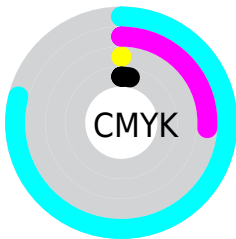
Blue (97%)



Red (21%)

Yellow (51%)

Blue (97%)

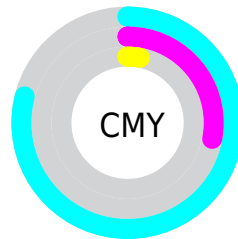


Cyan (79%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (79%)

Magenta (28%)
















Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3520759 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 3520759 by changing the saturation by 10% instead.



 3520759	 3520759
16777215	 40410
 8450303	 33726
 10551295	 27299
 12582911	 21128
 14680063	 15215
16711679	 9814
	 2878
	 808
	 273

■ 3520759

■ 3520759

■ 1880311

■ 5161207

■ 305399

■ 6736119

■ 42999

■ 8376567

■ 10017015

■ 11657463

■ 13232375

■ 14872823

■ 16513271

■ 16777207

# Harmonies

## Analogous

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



49120



3520759



9088250

# Triad

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



3520759



16354719



9222768

# Complementary

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



3520759



16217141

# 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.



12037982



3520759



15897979

# Square

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



3520759



15372743



14393954



5750930

# Rectangle

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



3520759



11772657



14393954



10205032

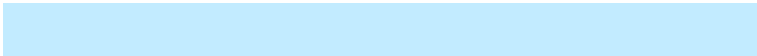


# Sweetspot

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



3520759



12774399



3536754



5993344



0



8421504

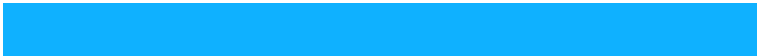


# Same Dimension

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



3520759



1028607



3496439



7239290



32442



10299



# Inverse Universe

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



16201144



16715697



16241461



8023670



12189822

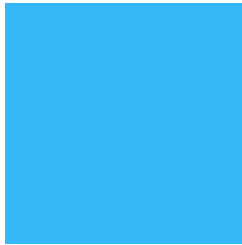


3866664



# Previews

## White Background



This preview shows how the Decimal color 3520759 looks on a white background.

## Color Contrast Check

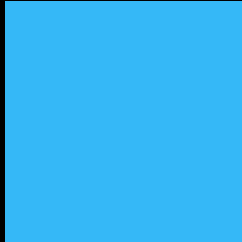
Large Text (above 18pt) WCAG AA × Fail

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 3520759 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

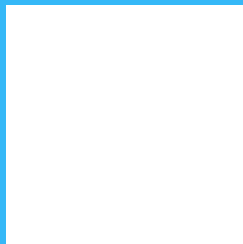
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3520759 Background



This preview shows how black text looks on a background with the Decimal color 3520759.



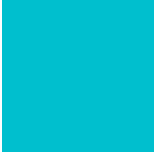
This preview shows how white text looks on a background with the Decimal color 3520759.

# 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](#).

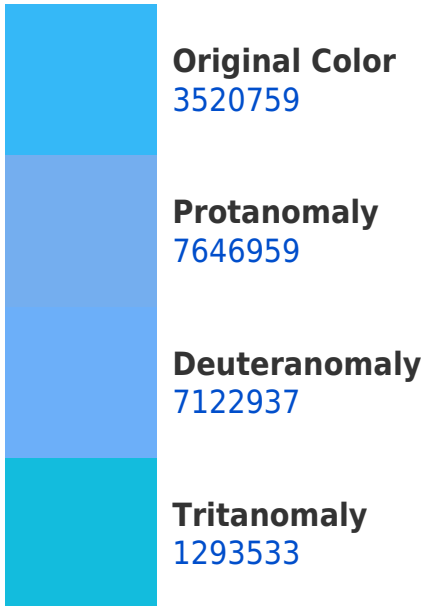
## Dichromacy



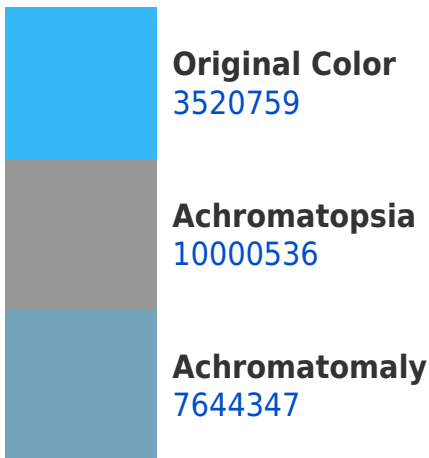


**Tritanopia**  
49102

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3520759 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 #35B8F7 looks like.

```
.text, #text, p{  
    color:#35B8F7  
}
```

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 #35B8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B8F7
}
```

## Border

The CSS property to change the border of an element to Decimal 3520759 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
#35B8F7 }
```

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

```
.border{ border-color:#35B8F7 }
```

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

Here you see how a box with a 4 pixel #35B8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B8F7; -webkit-box-shadow:4px 4px  
4px 4px #35B8F7; box-shadow:4px 4px 4px  
4px #35B8F7 }
```

# Background

The CSS property to change the background color of an element to Decimal 3520759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B8F7 }
```

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

```
.background{ background-color:#35B8F7 }
```

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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