

# Converting Colors

Decimal(5947365)

Have a look what the booklet for  
Decimal(5947365) contains.

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# **Color**

**Decimal(5947365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ABFE5
RGB	90, 191, 229
RGB Percent	35%, 75%, 90%
CMY	0.6471, 0.2510, 0.1020
CMYK	0.61, 0.17, 0.00, 0.10
HSL	196°, 73%, 63%
HSV	196°, 61%, 90%
XYZ	36.9901, 45.0924, 80.8829
YIQ	165.1330, -72.3940, -9.5940

# Conversions

## Conversions Part 2

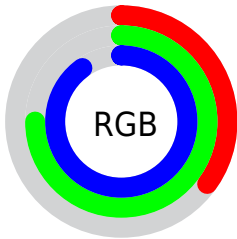
Format	Color
<a href="#">RYB</a>	90, 148, 229
Decimal	5947365
CIELab	72.95, -18.37, -27.77
CIELCh	73, 33.290, 236.515
Yxy	45.0924, 0.2270, 0.2767
Android (android.graphics.Color)	4284137445 (0xFF5ABFE5)
YUV	165.1330, 31.4864, -65.8916
Hunter-Lab	67.1509, -19.1872, -24.4089

# Details

The Decimal color **5947365** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **15040602**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9959423**, and **35245** is the 20% darker color. If you saturate the color by 10%, you get **4438501**, and if you desaturate by 10%, it is **7456229**.

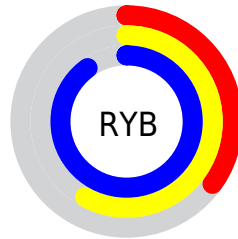
# Distribution



Red (35%)

Green (75%)

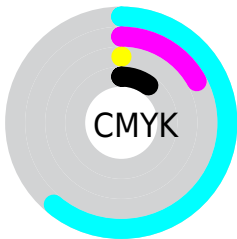
Blue (90%)



Red (35%)

Yellow (58%)

Blue (90%)

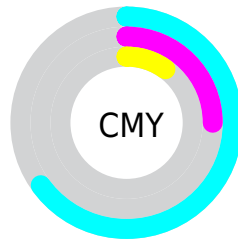


Cyan (61%)

Magenta (17%)

Yellow (0%)

Black (10%)



Cyan (65%)

Magenta (25%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5947365 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 5947365 by changing the saturation by 10% instead.



■ 5947365

■ 5947365

16777215

■ 3646665

■ 9959423

■ 35245

■ 11927551

■ 28819

■ 13893631

■ 22393

■ 15859711

■ 16480

■ 10824

■ 5425

■ 540

■ 0

■ 5947365

■ 5947365

■ 4438501

■ 7456229

■ 2929381

■ 8965349

■ 1420517

■ 10474213

■ 42725

■ 11983077

■ 13426405

■ 14935525

■ 16444389

■ 16773605

■ 16775141

# Harmonies

## Analogous

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



5096397



5947365



8763375

# Triad

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



5947365



15441080



11319676

# Complementary

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



5947365



15040602

# 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.



13348982



5947365



15703705

# Square

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



5947365



14131925



14919297



9027729

# Rectangle

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



5947365



10793197



14919297



12040056

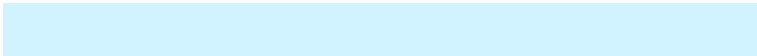


# Sweetspot

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



5947365



13759231



5956991



6518912



0



8421504



# Same Dimension

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



5947365



4574463



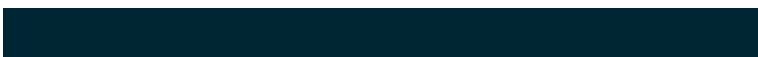
5929701



6778995



33459



9523



# Inverse Universe

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



15030975



16729548



15058266



7563120



11731074

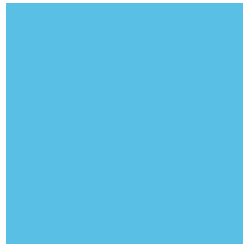


3342373



# Previews

## White Background



This preview shows how the Decimal color 5947365 looks on a white background.

## Color Contrast Check

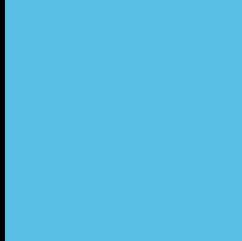
Large Text (above 18pt) WCAG AA × Fail

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 5947365 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 5947365 Background



This preview shows how black text looks on a background with the Decimal color 5947365.

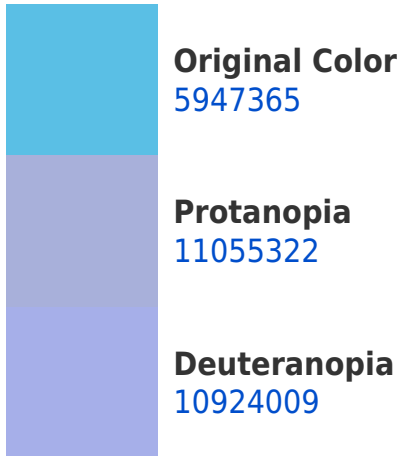


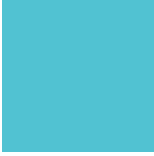
This preview shows how white text looks on a background with the Decimal color 5947365.

# 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](#).

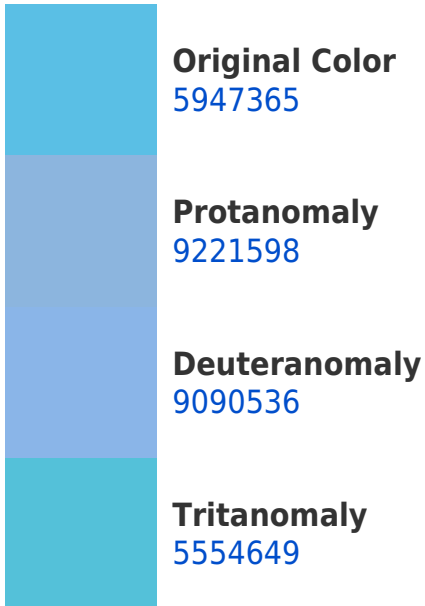
## Dichromacy



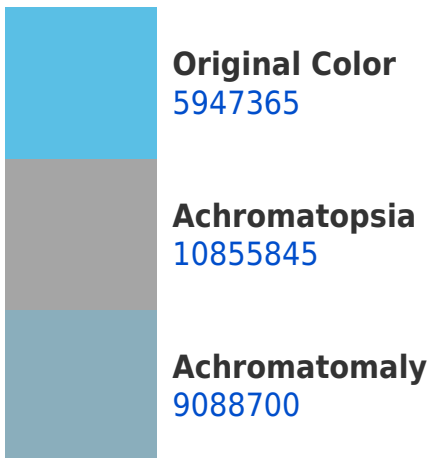


**Tritanopia**  
5358290

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5947365 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 #5ABFE5 looks like.

```
.text, #text, p{  
    color:#5ABFE5  
}
```

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 #5ABFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ABFE5
}
```

## Border

The CSS property to change the border of an element to Decimal 5947365 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
#5ABFE5 }
```

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

```
.border{ border-color:#5ABFE5 }
```

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

Here you see how a box with a 4 pixel #5ABFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ABFE5; -webkit-box-shadow:4px 4px  
4px 4px #5ABFE5; box-shadow:4px 4px 4px  
4px #5ABFE5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5947365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ABFE5 }
```

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

```
.background{ background-color:#5ABFE5 }
```

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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