

# Converting Colors

Decimal(5749220)

Have a look what the booklet for  
Decimal(5749220) contains.

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# **Color**

**Decimal(5749220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57B9E4
RGB	87, 185, 228
RGB Percent	34%, 73%, 89%
CMY	0.6588, 0.2745, 0.1059
CMYK	0.62, 0.19, 0.00, 0.11
HSL	198°, 72%, 62%
HSV	198°, 62%, 89%
XYZ	35.2830, 42.3256, 79.7088
YIQ	160.6000, -72.2110, -7.4030

# Conversions

## Conversions Part 2

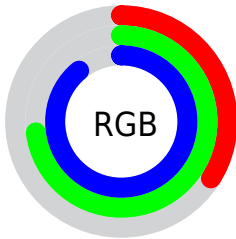
Format	Color
R <sub>Y</sub> B	87, 145, 228
Decimal	5749220
CIE Lab	71.09, -16.06, -30.09
CIE LCh	71, 34.107, 241.904
Yxy	42.3256, 0.2243, 0.2690
Android (android.graphics.Color)	4283939300 (0xFF57B9E4)
YUV	160.6000, 33.2282, -64.5472
Hunter-Lab	65.0581, -17.0457, -27.1011

# Details

The Decimal color **5749220** 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 **14975575**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **9761279**, and **33964** is the 20% darker color. If you saturate the color by 10%, you get **4240100**, and if you desaturate by 10%, it is **7258340**.

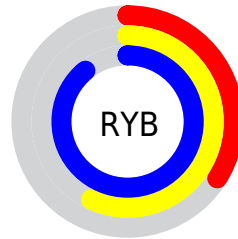
# Distribution



Red (34%)

Green (73%)

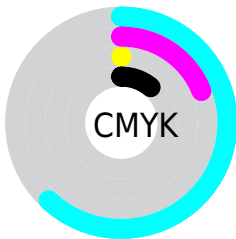
Blue (89%)



Red (34%)

Yellow (57%)

Blue (89%)

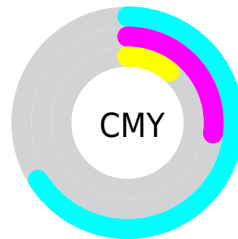


Cyan (62%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (27%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5749220 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 5749220 by changing the saturation by 10% instead.



■ 5749220

■ 5749220

16777215

■ 3448520

■ 9761279

■ 33964

■ 11730943

■ 27538

■ 13697023

■ 21112

■ 15728639

■ 15199

■ 9799

■ 2865

■ 283

■ 0

■ 5749220

■ 5749220

■ 4240100

■ 7258340

■ 2730980

■ 8767460

■ 1287396

■ 10211044

■ 40676

■ 11720164

■ 13229284

■ 14738404

■ 16247524

■ 16773604

■ 16775396

# Harmonies

## Analogous

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



4243150



5749220



8892652

# Triad

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



5749220



15308461



10532472

# Complementary

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



5749220



14975575

# 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.



12692848



5749220



15374735

# Square

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



5749220



14130124



14393976



8174736

# Rectangle

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



5749220



10922471



14393976



11318132

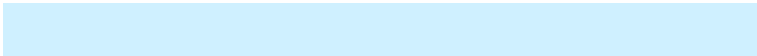


# Sweetspot

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



5749220



13627647



5760129



6453120



0



8421504



# Same Dimension

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



5749220



4376063



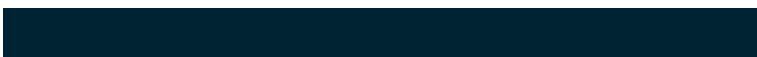
5731300



6778739



31923



9011



# Inverse Universe

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



14964665



16728773



14993495



7563119



11731068

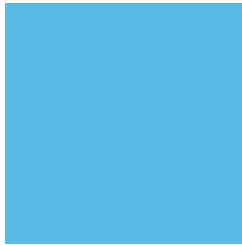


3342371



# Previews

## White Background



This preview shows how the Decimal color 5749220 looks on a white background.

## Color Contrast Check

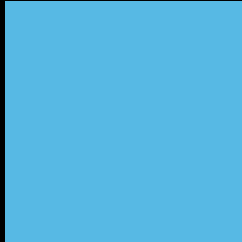
Large Text (above 18pt) WCAG AA × Fail

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 5749220 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 5749220 Background



This preview shows how black text looks on a background with the Decimal color 5749220.



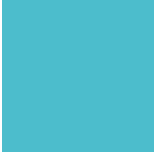
This preview shows how white text looks on a background with the Decimal color 5749220.

# 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](#).

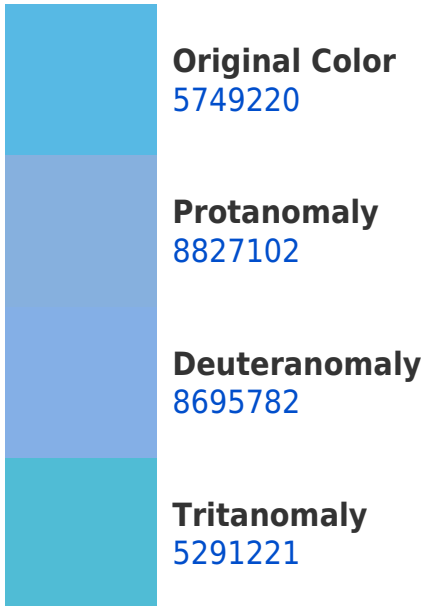
## Dichromacy





**Tritanopia**  
5029324

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5749220 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 #57B9E4 looks like.

```
.text, #text, p{  
    color:#57B9E4  
}
```

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 #57B9E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B9E4
}
```

## Border

The CSS property to change the border of an element to Decimal 5749220 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
#57B9E4 }
```

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

```
.border{ border-color:#57B9E4 }
```

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

Here you see how a box with a 4 pixel #57B9E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B9E4; -webkit-box-shadow:4px 4px  
4px 4px #57B9E4; box-shadow:4px 4px 4px  
4px #57B9E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 5749220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B9E4 }
```

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

```
.background{ background-color:#57B9E4 }
```

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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