

# Converting Colors

Decimal(5943769)

Have a look what the booklet for  
Decimal(5943769) contains.

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# **Color**

**Decimal(5943769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AB1D9
RGB	90, 177, 217
RGB Percent	35%, 69%, 85%
CMY	0.6471, 0.3059, 0.1490
CMYK	0.59, 0.18, 0.00, 0.15
HSL	199°, 63%, 60%
HSV	199°, 59%, 85%
XYZ	32.4630, 38.6277, 71.3906
YIQ	155.5470, -64.6920, -6.0040

# Conversions

## Conversions Part 2

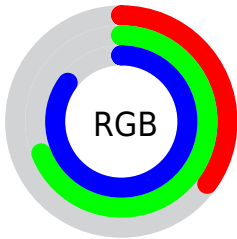
Format	Color
<b>RYB</b>	90, 142, 217
Decimal	5943769
CIELab	68.48, -14.64, -28.09
CIELCh	68, 31.677, 242.481
Yxy	38.6277, 0.2278, 0.2711
Android (android.graphics.Color)	4284133849 (0xFF5AB1D9)
YUV	155.5470, 30.2963, -57.4847
Hunter-Lab	62.1512, -15.5300, -24.5982

# Details

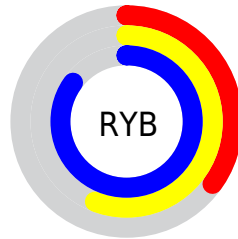
The Decimal color **5943769** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14254682**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9824767**, and **556194** is the 20% darker color. If you saturate the color by 10%, you get **4500185**, and if you desaturate by 10%, it is **7387353**.

# Distribution



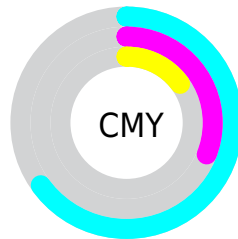
- Red (35%)
- Green (69%)
- Blue (85%)



- Red (35%)
- Yellow (56%)
- Blue (85%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5943769 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 5943769 by changing the saturation by 10% instead.



■ 5943769

■ 5943769

16777215

■ 3839677

■ 9824767

■ 556194

■ 11796479

■ 25480

■ 13697023

■ 19566

■ 15663103

■ 13654

■ 8254

■ 808

■ 274

■ 0

■ 5943769

■ 5943769

■ 4500185

■ 7387353

■ 3122137

■ 8765401

■ 1678553

■ 10208985

■ 235225

■ 11652313

■ 38361

■ 13095897

■ 14473945

■ 15917529

■ 16771289

■ 16773081

# Harmonies

## Analogous

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



4634309



5943769



8694240

# Triad

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



5943769



14586278



10137206

# Complementary

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



5943769



14254682

# 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.



12101230



5943769



14587018

# Square

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



5943769



13473474



13737077



7910540

# Rectangle

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



5943769



10592988



13737077



10857585

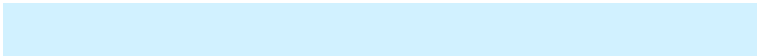


# Sweetspot

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



5943769



13758975



5953920



6518656



0



8421504



# Same Dimension

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



5943769



5097471



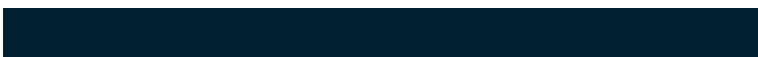
5927897



6515310



30637



7982



# Inverse Universe

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



14244529



16731591



14270554



7234410



11337847



3014687



# Previews

## White Background



This preview shows how the Decimal color 5943769 looks on a white background.

## Color Contrast Check

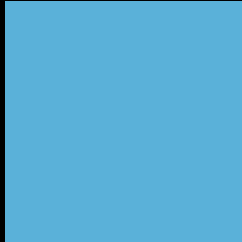
Large Text (above 18pt) WCAG AA × Fail

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 5943769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

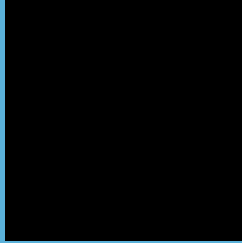
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5943769 Background



This preview shows how black text looks on a background with the Decimal color 5943769.

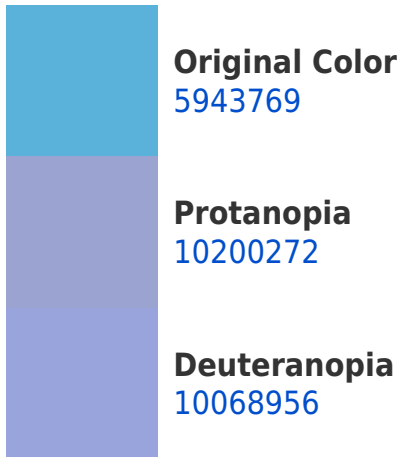


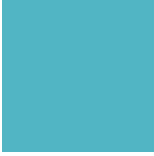
This preview shows how white text looks on a background with the Decimal color 5943769.

# 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](#).

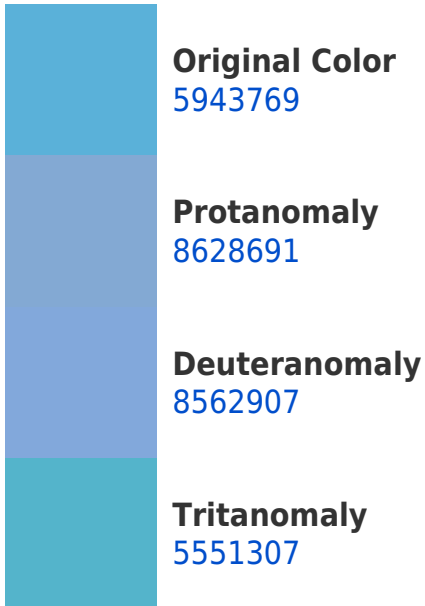
## Dichromacy





**Tritanopia**  
5354947

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5943769 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 #5AB1D9 looks like.

```
.text, #text, p{  
    color:#5AB1D9  
}
```

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 #5AB1D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB1D9
}
```

## Border

The CSS property to change the border of an element to Decimal 5943769 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
#5AB1D9 }
```

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

```
.border{ border-color:#5AB1D9 }
```

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

Here you see how a box with a 4 pixel #5AB1D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB1D9; -webkit-box-shadow:4px 4px  
4px 4px #5AB1D9; box-shadow:4px 4px 4px  
4px #5AB1D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 5943769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB1D9 }
```

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

```
.background{ background-color:#5AB1D9 }
```

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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