

# Converting Colors

Decimal(5876963)

Have a look what the booklet for  
Decimal(5876963) contains.

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# **Color**

**Decimal(5876963)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59ACE3
RGB	89, 172, 227
RGB Percent	35%, 67%, 89%
CMY	0.6510, 0.3255, 0.1098
CMYK	0.61, 0.24, 0.00, 0.11
HSL	204°, 71%, 62%
HSV	204°, 61%, 89%
XYZ	32.7375, 37.1749, 78.1231
YIQ	153.4530, -67.1230, -0.4910

# Conversions

## Conversions Part 2

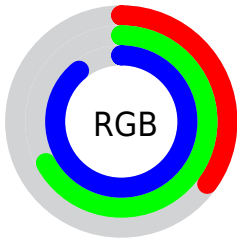
Format	Color
R <sub>YB</sub>	89, 141, 227
Decimal	5876963
CIE <sub>Lab</sub>	67.41, -9.03, -35.24
CIE <sub>LCh</sub>	67, 36.380, 255.628
Y <sub>xy</sub>	37.1749, 0.2211, 0.2511
Android (android.graphics.Color)	4284067043 (0xFF59ACE3)
YUV	153.4530, 36.2587, -56.5253
Hunter-Lab	60.9713, -10.8572, -33.2890

# Details

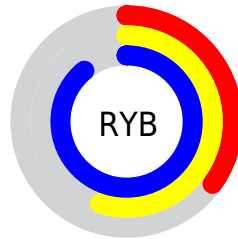
The Decimal color **5876963** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14913625**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9823231**, and **30891** is the 20% darker color. If you saturate the color by 10%, you get **4367331**, and if you desaturate by 10%, it is **7386595**.

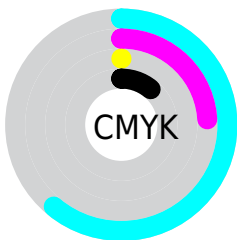
# Distribution



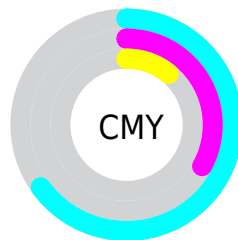
- Red (35%)
- Green (67%)
- Blue (89%)



- Red (35%)
- Yellow (55%)
- Blue (89%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (33%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5876963 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 5876963 by changing the saturation by 10% instead.



■ 5876963

■ 5876963

16777215

■ 3642055

■ 9823231

■ 30891

■ 11796479

■ 24465

■ 13762559

■ 18551

■ 15728639

■ 12638

■ 7494

■ 1071

■ 281

■ 0

■ 5876963

■ 5876963

■ 4367331

■ 7386595

■ 2923235

■ 8830691

■ 1413603

■ 10340323

■ 35299

■ 11849955

■ 13359587

■ 14803683

■ 16313315

■ 16774371

■ 16776675

# Harmonies

## Analogous

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



2208722



5876963



9544163

# Triad

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



5876963



14977940



8695925

# Complementary

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



5876963



14913625

# 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.



11118692



5876963



14520951

# Square

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



5876963



14322869



13147493



5944723

# Rectangle

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



5876963



11573721



13147493



9547118

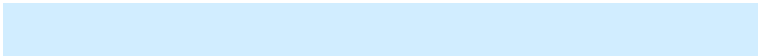


# Sweetspot

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



5876963



13757951



5890958



6517888



0



8421504



# Same Dimension

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



5876963



4568575



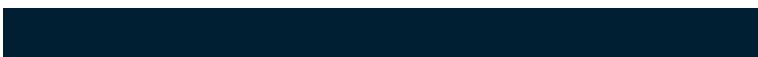
5859811



6778483



27571



7987



# Inverse Universe

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



14899628



16729525



14930777



7563118



11731051



3342367



# Previews

## White Background



This preview shows how the Decimal color 5876963 looks on a white background.

## Color Contrast Check

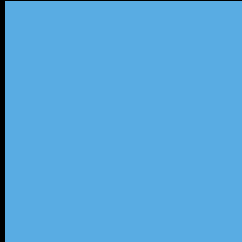
Large Text (above 18pt) WCAG AA × Fail

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 5876963 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

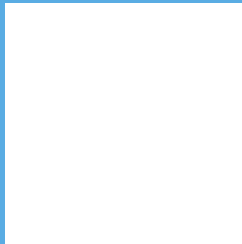
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5876963 Background



This preview shows how black text looks on a background with the Decimal color 5876963.

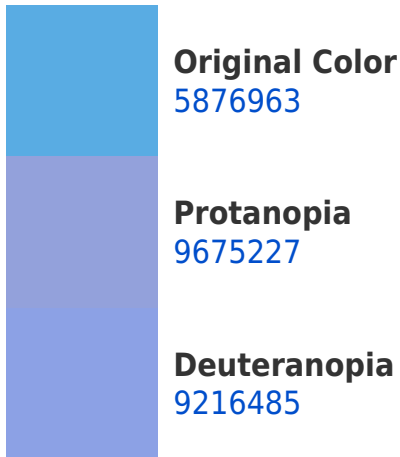


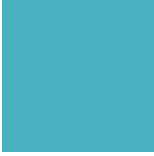
This preview shows how white text looks on a background with the Decimal color 5876963.

# 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](#).

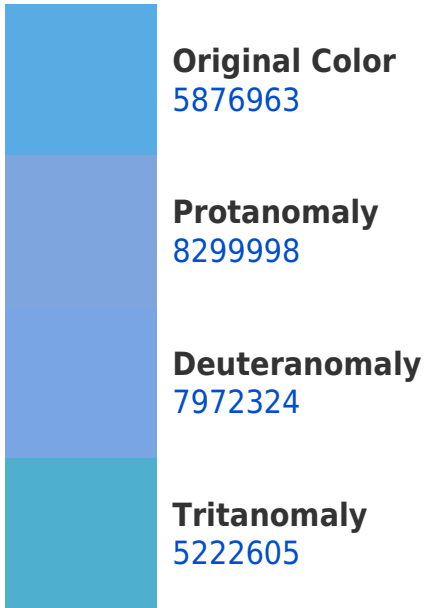
## Dichromacy



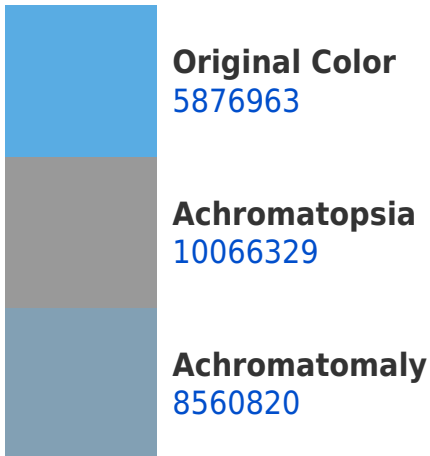


**Tritanopia**  
4829889

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5876963 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 #59ACE3 looks like.

```
.text, #text, p{  
    color:#59ACE3  
}
```

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 #59ACE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59ACE3
}
```

## Border

The CSS property to change the border of an element to Decimal 5876963 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
#59ACE3 }
```

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

```
.border{ border-color:#59ACE3 }
```

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

Here you see how a box with a 4 pixel #59ACE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59ACE3; -webkit-box-shadow:4px 4px  
4px 4px #59ACE3; box-shadow:4px 4px 4px  
4px #59ACE3 }
```

# Background

The CSS property to change the background color of an element to Decimal 5876963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59ACE3 }
```

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

```
.background{ background-color:#59ACE3 }
```

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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