

# Converting Colors

Decimal(5936091)

Have a look what the booklet for  
Decimal(5936091) contains.

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# **Color**

**Decimal(5936091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A93DB
RGB	90, 147, 219
RGB Percent	35%, 58%, 86%
CMY	0.6471, 0.4235, 0.1412
CMYK	0.59, 0.33, 0.00, 0.14
HSL	213°, 64%, 61%
HSV	213°, 59%, 86%
XYZ	27.4364, 28.1556, 71.0064
YIQ	138.1650, -57.0840, 10.3080

# Conversions

## Conversions Part 2

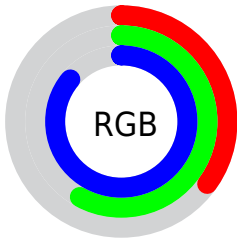
Format	Color
<b>RYB</b>	90, 130, 219
Decimal	5936091
CIELab	60.03, 2.73, -42.35
CIELCh	60, 42.441, 273.693
Yxy	28.1556, 0.2167, 0.2224
Android (android.graphics.Color)	4284126171 (0xFF5A93DB)
YUV	138.1650, 39.8517, -42.2407
Hunter-Lab	53.0618, -0.5623, -42.1975

# Details

The Decimal color **5936091** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **14393946**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9816575**, and **811428** is the 20% darker color. If you saturate the color by 10%, you get **4491227**, and if you desaturate by 10%, it is **7380955**.

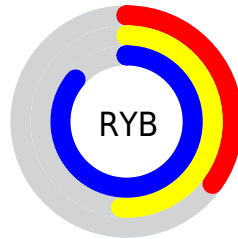
# Distribution



Red (35%)

Green (58%)

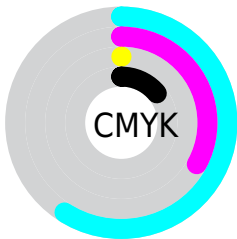
Blue (86%)



Red (35%)

Yellow (51%)

Blue (86%)

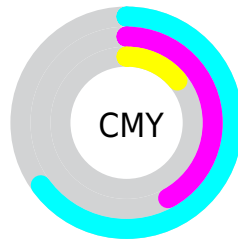


Cyan (59%)

Magenta (33%)

Yellow (0%)

Black (14%)



Cyan (65%)

Magenta (42%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5936091 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 5936091 by changing the saturation by 10% instead.



■ 5936091

■ 5936091

16777215

■ 3832255

■ 9816575

■ 811428

■ 11724287

■ 18825

■ 13697023

■ 13167

■ 15597567

■ 8022

■ 1087

■ 808

■ 274

■ 0

■ 5936091

■ 5936091

■ 4491227

■ 7380955

■ 3046363

■ 8825819

■ 1601243

■ 10270939

■ 156379

■ 11715803

■ 25051

■ 13095131

■ 14539995

■ 15985115

■ 16774619

■ 16777179

# Harmonies

## Analogous

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



40403



5936091



10126799

# Triad

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



5936091



13923945



4956526

# Complementary

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



5936091



14393946

# 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.



8166224



5936091



12747598

# Square

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



5936091



14054029



10719300



42132

# Rectangle

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



5936091



12090557



10719300



6135651



# Sweetspot

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



5936091



13755903



5954465



6516864



0



8421504



# Same Dimension

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



5936091



4889343



6314715



6514798



19885



5166



# Inverse Universe

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



14375571



16730778



14015322



7234408



11337805

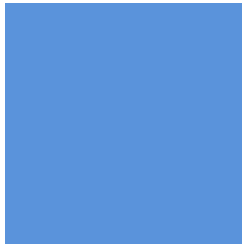


3014676



# Previews

## White Background



This preview shows how the Decimal color 5936091 looks on a white background.

## Color Contrast Check

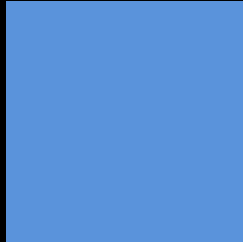
Large Text (above 18pt) WCAG AA ✓ Pass

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 5936091 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 × Fail

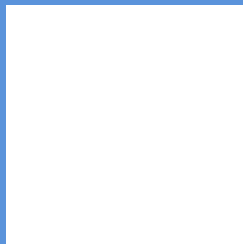
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5936091 Background



This preview shows how black text looks on a background with the Decimal color 5936091.




This preview shows how white text looks on a background with the Decimal color 5936091.

# 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](#).

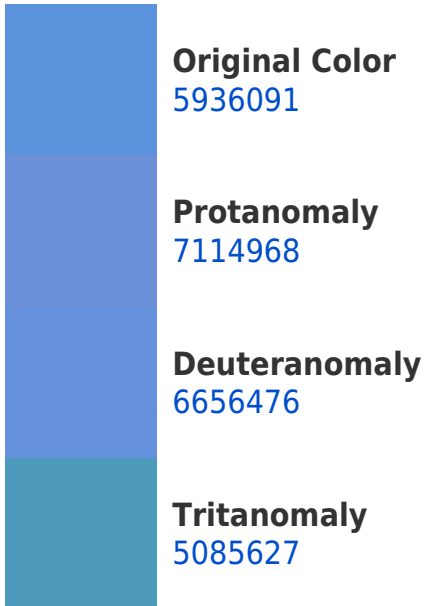
## Dichromacy





**Tritanopia**  
4562345

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5936091 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 #5A93DB looks like.

```
.text, #text, p{  
    color:#5A93DB  
}
```

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 #5A93DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A93DB
}
```

## Border

The CSS property to change the border of an element to Decimal 5936091 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
#5A93DB }
```

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

```
.border{ border-color:#5A93DB }
```

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

Here you see how a box with a 4 pixel #5A93DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A93DB; -webkit-box-shadow:4px 4px  
4px 4px #5A93DB; box-shadow:4px 4px 4px  
4px #5A93DB }
```

# Background

The CSS property to change the background color of an element to Decimal 5936091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A93DB }
```

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

```
.background{ background-color:#5A93DB }
```

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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