

# Converting Colors

Decimal(5213915)

Have a look what the booklet for  
Decimal(5213915) contains.

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# Color

**Decimal(5213915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F8EDB
RGB	79, 142, 219
RGB Percent	31%, 56%, 86%
CMY	0.6902, 0.4431, 0.1412
CMYK	0.64, 0.35, 0.00, 0.14
HSL	213°, 66%, 58%
HSV	213°, 64%, 86%
XYZ	25.6836, 26.1227, 70.7064
YIQ	131.9410, -62.2650, 10.5910

# Conversions

## Conversions Part 2

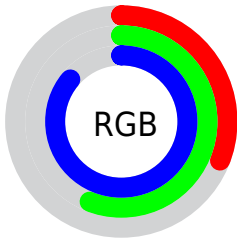
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 122, 219
Decimal	5213915
CIE <sub>Lab</sub>	58.15, 3.63, -45.34
CIE <sub>LCh</sub>	58, 45.487, 274.573
Yxy	26.1227, 0.2096, 0.2132
Android (android.graphics.Color)	4283403995 (0xFF4F8EDB)
YUV	131.9410, 42.9201, -46.4293
Hunter-Lab	51.1104, 0.2553, -46.2447

# Details

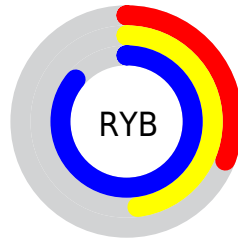
The Decimal color **5213915** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **14392399**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **9225215**, and **23716** is the 20% darker color. If you saturate the color by 10%, you get **3769051**, and if you desaturate by 10%, it is **6658779**.

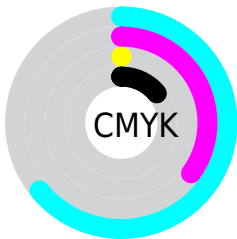
# Distribution



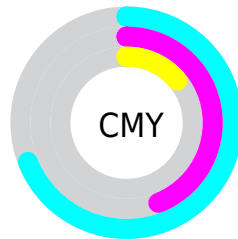
- Red (31%)
- Green (56%)
- Blue (86%)



- Red (31%)
- Yellow (48%)
- Blue (86%)



- Cyan (64%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (44%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5213915 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 5213915 by changing the saturation by 10% instead.



■ 5213915

■ 5213915

16777215

■ 2848191

■ 9225215

■ 23716

■ 11132927

■ 17801

■ 13106431

■ 12143

■ 15073279

■ 7254

■ 1598

■ 808

■ 273

■ 0

■ 5213915

■ 5213915

■ 3769051

■ 6658779

■ 2324187

■ 8103643

■ 879323

■ 9548507

■ 25563

■ 10993371

■ 12438235

■ 13817563

■ 15262427

■ 16707291

■ 16775899

# Harmonies

## Analogous

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



39379



5213915



9928654

# Triad

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



5213915



13856865



3972456

# Complementary

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



5213915



14392399

# 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.



7640903



5213915



12483908

# Square

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



5213915



13986183



10325049



41105

# Rectangle

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



5213915



11957690



10325049



5413724

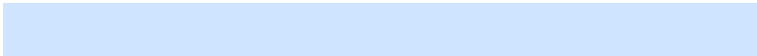


# Sweetspot

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



5213915



13624575



5233564



6451072



0



8421504



# Same Dimension

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



5213915



3904511



5656539



6514798



20141



5422



# Inverse Universe

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



14372750



16726931



13949775



7234408



11337806

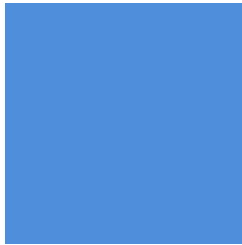


3014677



# Previews

## White Background



This preview shows how the Decimal color 5213915 looks on a white background.

## Color Contrast Check

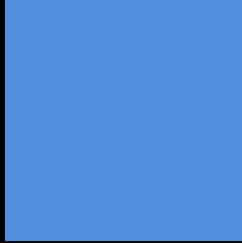
Large Text (above 18pt) WCAG AA ✓ Pass

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 5213915 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

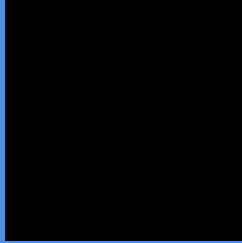
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

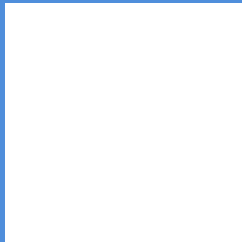
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5213915 Background



This preview shows how black text looks on a background with the Decimal color 5213915.



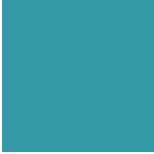
This preview shows how white text looks on a background with the Decimal color 5213915.

# 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](#).

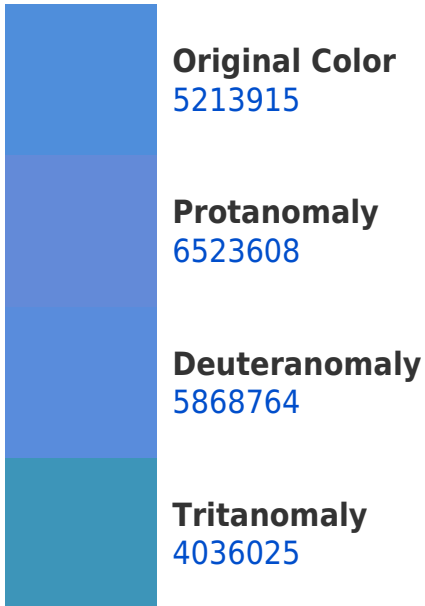
## Dichromacy





**Tritanopia**  
3316133

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5213915 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 #4F8EDB looks like.

```
.text, #text, p{  
    color:#4F8EDB  
}
```

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 #4F8EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8EDB
}
```

## Border

The CSS property to change the border of an element to Decimal 5213915 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
#4F8EDB }
```

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

```
.border{ border-color:#4F8EDB }
```

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

Here you see how a box with a 4 pixel #4F8EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8EDB; -webkit-box-shadow:4px 4px  
4px 4px #4F8EDB; box-shadow:4px 4px 4px  
4px #4F8EDB }
```

# Background

The CSS property to change the background color of an element to Decimal 5213915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8EDB }
```

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

```
.background{ background-color:#4F8EDB }
```

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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