

# Converting Colors

Decimal(5214940)

Have a look what the booklet for  
Decimal(5214940) contains.

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# Color

**Decimal(5214940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F92DC
RGB	79, 146, 220
RGB Percent	31%, 57%, 86%
CMY	0.6902, 0.4275, 0.1373
CMYK	0.64, 0.34, 0.00, 0.14
HSL	211°, 67%, 59%
HSV	211°, 64%, 86%
XYZ	26.4216, 27.3873, 71.6039
YIQ	134.4030, -63.6860, 8.8100

# Conversions

## Conversions Part 2

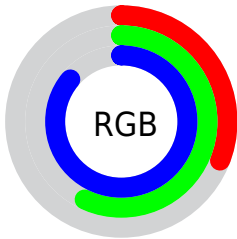
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 124, 220
Decimal	5214940
CIE Lab	59.33, 1.62, -44.04
CIE LCh	59, 44.071, 272.102
Yxy	27.3873, 0.2107, 0.2184
Android (android.graphics.Color)	4283405020 (0xFF4F92DC)
YUV	134.4030, 42.1993, -48.5884
Hunter-Lab	52.3329, -1.4623, -44.4898

# Details

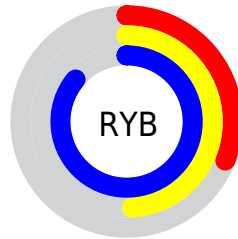
The Decimal color **5214940** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **14457167**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **9226495**, and **24741** is the 20% darker color. If you saturate the color by 10%, you get **3770076**, and if you desaturate by 10%, it is **6659804**.

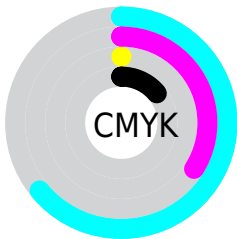
# Distribution



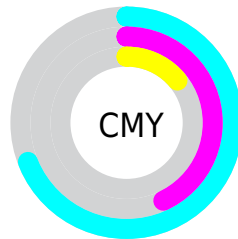
- Red (31%)
- Green (57%)
- Blue (86%)



- Red (31%)
- Yellow (49%)
- Blue (86%)



- Cyan (64%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (43%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5214940 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 5214940 by changing the saturation by 10% instead.



■ 5214940

■ 5214940

16777215

■ 2848960

■ 9226495

■ 24741

■ 11199743

■ 18826

■ 13107199

■ 13168

■ 15073279

■ 7767

■ 1855

■ 809

■ 274

■ 0

■ 5214940

■ 5214940

■ 3770076

■ 6659804

■ 2325468

■ 8104412

■ 880604

■ 9549276

■ 27100

■ 10993884

■ 12438748

■ 13883356

■ 15328220

■ 16772828

■ 16775900

# Harmonies

## Analogous

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



40147



5214940



9798865

# Triad

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



5214940



13988712



4759657

# Complementary

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



5214940



14457167

# 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.



8100171



5214940



12812363

# Square

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



5214940



14053006



10718783



41616

# Rectangle

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



5214940



11893439



10718783



6004318

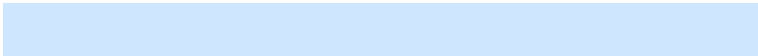


# Sweetspot

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



5214940



13625087



5233816



6451328



0



8421504



# Same Dimension

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



5214940



3905791



5328860



6514798



21165



5678



# Inverse Universe

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



14438290



16726936



14343247



7234408



11337810



3014678



# Previews

## White Background



This preview shows how the Decimal color 5214940 looks on a white background.

## Color Contrast Check

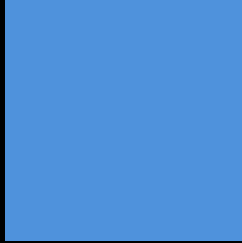
Large Text (above 18pt) WCAG AA ✓ Pass

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 5214940 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

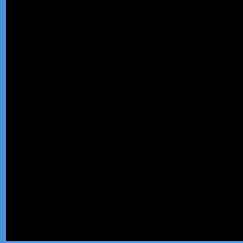
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

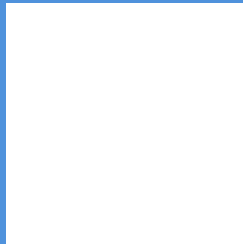
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5214940 Background



This preview shows how black text looks on a background with the Decimal color 5214940.



This preview shows how white text looks on a background with the Decimal color 5214940.

# 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](#).

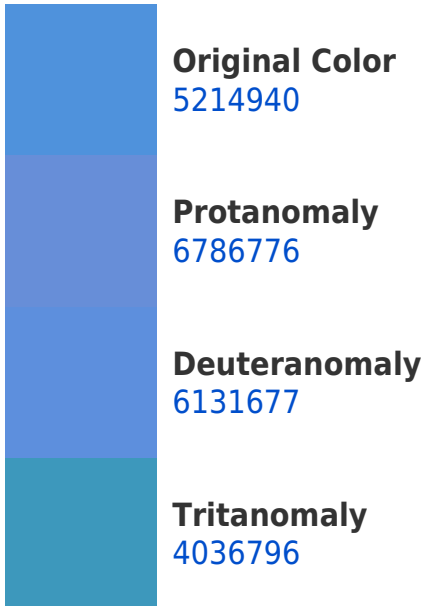
## Dichromacy





**Tritanopia**  
3382441

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5214940 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 #4F92DC looks like.

```
.text, #text, p{  
    color:#4F92DC  
}
```

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 #4F92DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F92DC
}
```

## Border

The CSS property to change the border of an element to Decimal 5214940 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
#4F92DC }
```

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

```
.border{ border-color:#4F92DC }
```

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

Here you see how a box with a 4 pixel #4F92DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F92DC; -webkit-box-shadow:4px 4px  
4px 4px #4F92DC; box-shadow:4px 4px 4px  
4px #4F92DC }
```

# Background

The CSS property to change the background color of an element to Decimal 5214940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F92DC }
```

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

```
.background{ background-color:#4F92DC }
```

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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