

# Converting Colors

Decimal(6918364)

Have a look what the booklet for  
Decimal(6918364) contains.

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# **Color**

**Decimal(6918364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6990DC
RGB	105, 144, 220
RGB Percent	41%, 56%, 86%
CMY	0.5882, 0.4353, 0.1373
CMYK	0.52, 0.35, 0.00, 0.14
HSL	220°, 62%, 64%
HSV	220°, 52%, 86%
XYZ	28.7172, 28.1171, 71.6237
YIQ	141.0030, -47.6400, 15.3680

# Conversions

## Conversions Part 2

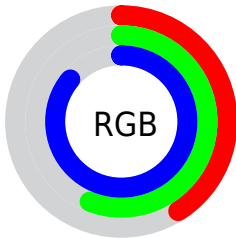
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	105, 134, 220
Decimal	6918364
CIELab	59.99, 7.95, -42.91
CIElCh	60, 43.643, 280.492
Yxy	28.1171, 0.2236, 0.2189
Android (android.graphics.Color)	4285108444 (0xFF6990DC)
YUV	141.0030, 38.9455, -31.5746
Hunter-Lab	53.0255, 3.8762, -42.9675

# Details

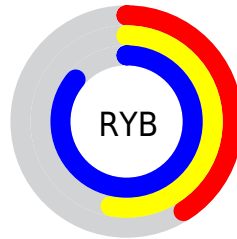
The Decimal color **6918364** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **14464361**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10667775**, and **2907813** is the 20% darker color. If you saturate the color by 10%, you get **5472732**, and if you desaturate by 10%, it is **8363996**.

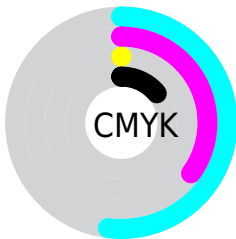
# Distribution



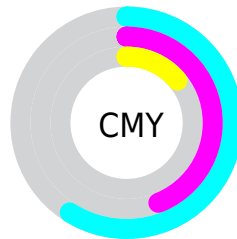
- Red (41%)
- Green (56%)
- Blue (86%)



- Red (41%)
- Yellow (53%)
- Blue (86%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



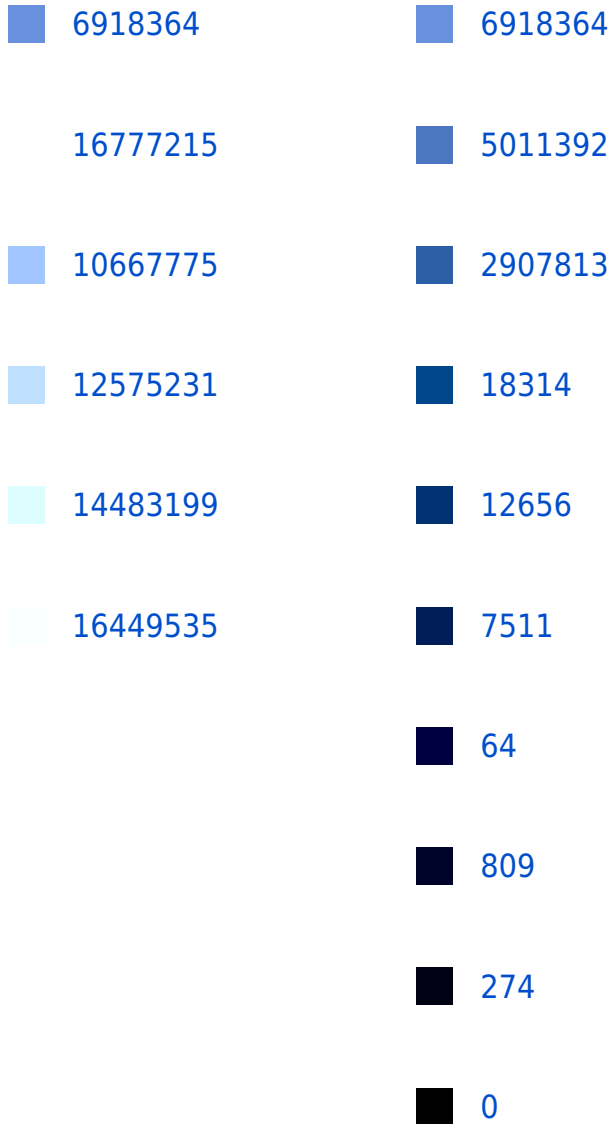
- Cyan (59%)
- Magenta (44%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6918364 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 6918364 by changing the saturation by 10% instead.





■ 6918364

■ 6918364

■ 5472732

■ 8363996

■ 4027356

■ 9809372

■ 2581724

■ 11255004

■ 1136348

■ 12700380

■ 19420

■ 14146012

■ 15591388

■ 16774876

■ 16777180

# Harmonies

## Analogous

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



40152



6918364



10846667

# Triad

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



6918364



13858913



3711606

# Complementary

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



6918364



14464361

# 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.



7445844



6918364



12354888

# Square

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



6918364



14250116



10195778



42141

# Rectangle

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



6918364



12679351



10195778



5153129



# Sweetspot

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



6918364



14083327



6937780



6778752



0



8421504



# Same Dimension

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



6918364



6198783



8022492



6514286



15277



4142



# Inverse Universe

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



14444944



16735893



13360233



7234406



11337787



3014672



# Previews

## White Background



This preview shows how the Decimal color 6918364 looks on a white background.

## Color Contrast Check

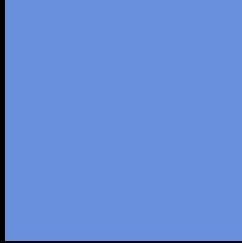
Large Text (above 18pt) WCAG AA ✓ Pass

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 6918364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

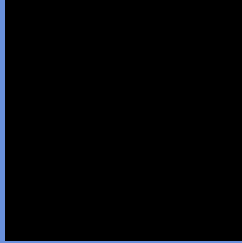
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

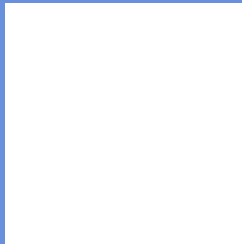
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6918364 Background



This preview shows how black text looks on a background with the Decimal color 6918364.



This preview shows how white text looks on a background with the Decimal color 6918364.

# 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



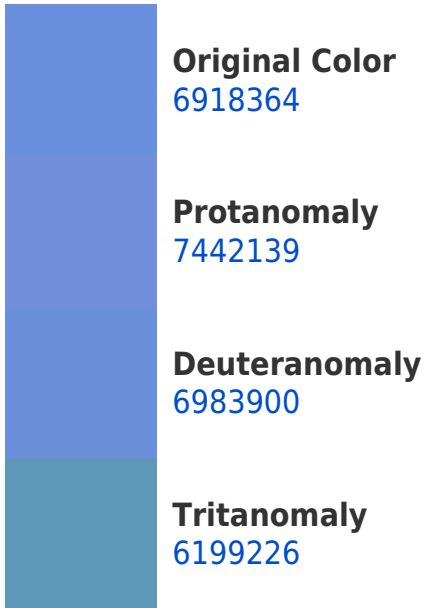
**Original Color**  
6918364

**Protanopia**  
7704026

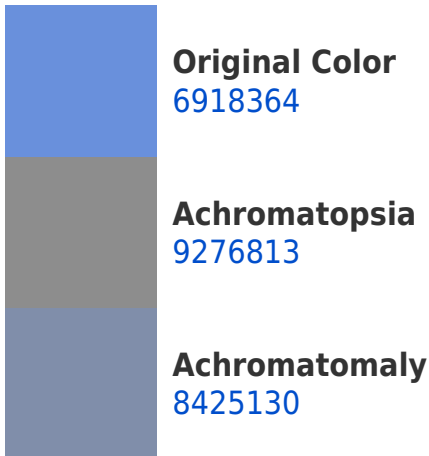
**Deuteranopia**  
7049436



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6918364 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 #6990DC looks like.

```
.text, #text, p{  
    color:#6990DC  
}
```

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 #6990DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6990DC
}
```

## Border

The CSS property to change the border of an element to Decimal 6918364 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
#6990DC }
```

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

```
.border{ border-color:#6990DC }
```

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

Here you see how a box with a 4 pixel #6990DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6990DC; -webkit-box-shadow:4px 4px  
4px 4px #6990DC; box-shadow:4px 4px 4px  
4px #6990DC }
```

# Background

The CSS property to change the background color of an element to Decimal 6918364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6990DC }
```

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

```
.background{ background-color:#6990DC }
```

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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