

# Converting Colors

Decimal(6415098)

Have a look what the booklet for  
Decimal(6415098) contains.

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# **Color**

**Decimal(6415098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E2FA
RGB	97, 226, 250
RGB Percent	38%, 89%, 98%
CMY	0.6196, 0.1137, 0.0196
CMYK	0.61, 0.10, 0.00, 0.02
HSL	189°, 94%, 68%
HSV	189°, 61%, 98%
XYZ	49.3814, 63.8362, 100.1614
YIQ	190.1650, -84.5880, -19.8840

# Conversions

## Conversions Part 2

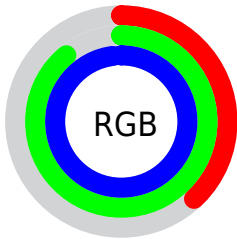
Format	Color
<b>RYB</b>	97, 167, 250
Decimal	6415098
CIELab	83.88, -28.56, -22.30
CIELCh	84, 36.239, 217.984
Yxy	63.8362, 0.2314, 0.2992
Android (android.graphics.Color)	4284605178 (0xFF61E2FA)
YUV	190.1650, 29.4987, -81.7057
Hunter-Lab	79.8976, -29.4972, -18.3990

# Details

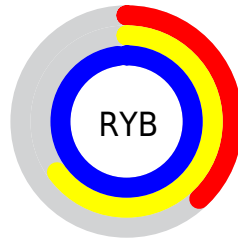
The Decimal color **6415098** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **16415073**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **10616831**, and **43713** is the 20% darker color. If you saturate the color by 10%, you get **4775674**, and if you desaturate by 10%, it is **8054522**.

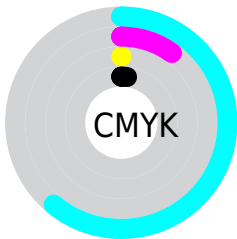
# Distribution



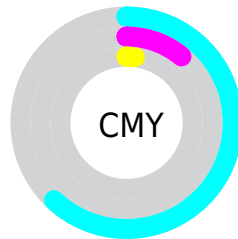
- Red (38%)
- Green (89%)
- Blue (98%)



- Red (38%)
- Yellow (65%)
- Blue (98%)



- Cyan (61%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (62%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6415098 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 6415098 by changing the saturation by 10% instead.



 6415098

 6415098

16777215

 3983069

 10616831

 43713

 12582911

 37030

 14614527

 30348

16646143

 23922

 17754

 11842

 6188

 279

■ 6415098

■ 6415098

■ 4775674

■ 8054522

■ 3136250

■ 9693946

■ 1496826

■ 11333370

■ 54266

■ 12972794

■ 14612218

■ 16251642

■ 16776698

■ 16777210

# Harmonies

## Analogous

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



7267545



6415098



8379647

# Triad

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



6415098



16759787



14733965

# Complementary

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



6415098



16415073

# 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.



16762515



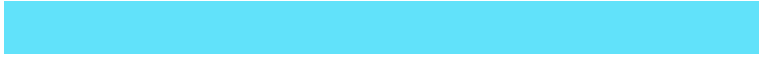
6415098



16758729

# Square

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



6415098



14861823



16759977



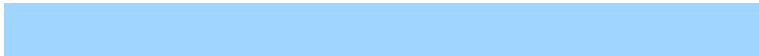
12246170

# Rectangle

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



6415098



10540543



16759977



15453837

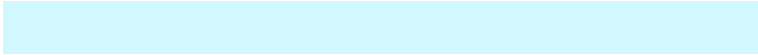


# Sweetspot

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



6415098



13760767



6421112



6519680



0



8421504



# Same Dimension

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



6415098



4580095



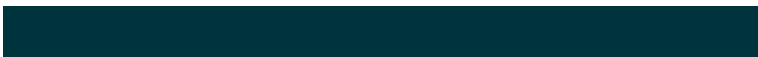
6395898



7371645



40893



13373



# Inverse Universe

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



16409058



16729570



16434273



8220795



12386463

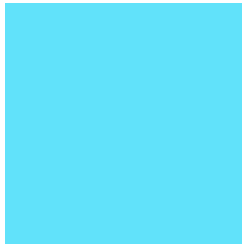


3997748



# Previews

## White Background



This preview shows how the Decimal color 6415098 looks on a white background.

## Color Contrast Check

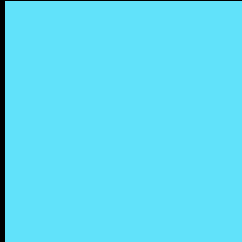
Large Text (above 18pt) WCAG AA × Fail

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 6415098 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 6415098 Background



This preview shows how black text looks on a background with the Decimal color 6415098.

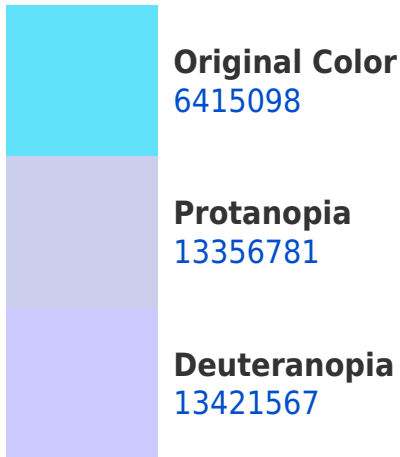


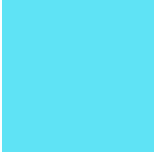
This preview shows how white text looks on a background with the Decimal color 6415098.

# 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](#).

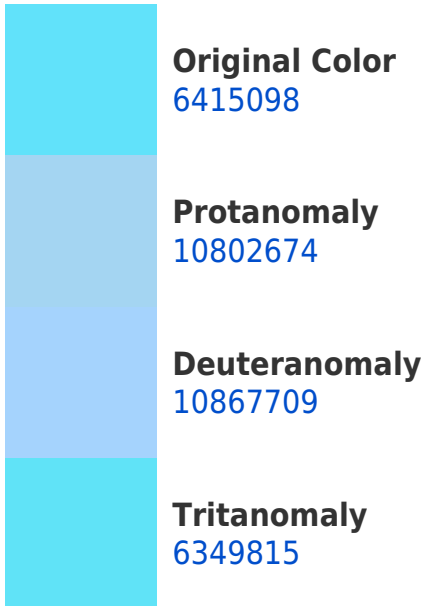
## Dichromacy





**Tritanopia**  
6284277

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6415098 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 #61E2FA looks like.

```
.text, #text, p{  
    color:#61E2FA  
}
```

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 #61E2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E2FA
}
```

## Border

The CSS property to change the border of an element to Decimal 6415098 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
#61E2FA }
```

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

```
.border{ border-color:#61E2FA }
```

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

Here you see how a box with a 4 pixel #61E2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E2FA; -webkit-box-shadow:4px 4px  
4px 4px #61E2FA; box-shadow:4px 4px 4px  
4px #61E2FA }
```

# Background

The CSS property to change the background color of an element to Decimal 6415098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E2FA }
```

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

```
.background{ background-color:#61E2FA }
```

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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