

# Converting Colors

Decimal(6015482)

Have a look what the booklet for  
Decimal(6015482) contains.

<b>Decimal(6015482)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6015482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BC9FA
RGB	91, 201, 250
RGB Percent	36%, 79%, 98%
CMY	0.6431, 0.2118, 0.0196
CMYK	0.64, 0.20, 0.00, 0.02
HSL	198°, 94%, 67%
HSV	198°, 64%, 98%
XYZ	42.4563, 50.8996, 98.0294
YIQ	173.6960, -81.2890, -8.0810

# Conversions

## Conversions Part 2

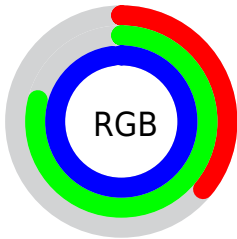
Format	Color
R <sub>Y</sub> B	91, 156, 250
Decimal	6015482
CIE Lab	76.62, -17.00, -33.43
CIE LCh	77, 37.510, 243.043
Yxy	50.8996, 0.2218, 0.2660
Android (android.graphics.Color)	4284205562 (0xFF5BC9FA)
YUV	173.6960, 37.6179, -72.5244
Hunter-Lab	71.3439, -18.6276, -31.5261

# Details

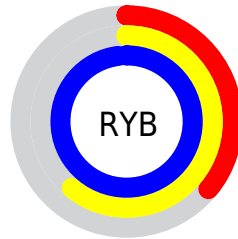
The Decimal color **6015482** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **16419931**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10223615**, and **37825** is the 20% darker color. If you saturate the color by 10%, you get **4375034**, and if you desaturate by 10%, it is **7655930**.

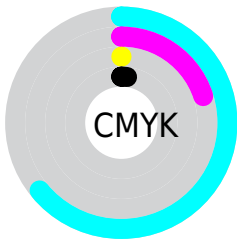
# Distribution



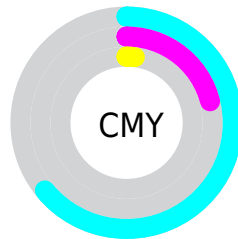
- Red (36%)
- Green (79%)
- Blue (98%)



- Red (36%)
- Yellow (61%)
- Blue (98%)



- Cyan (64%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



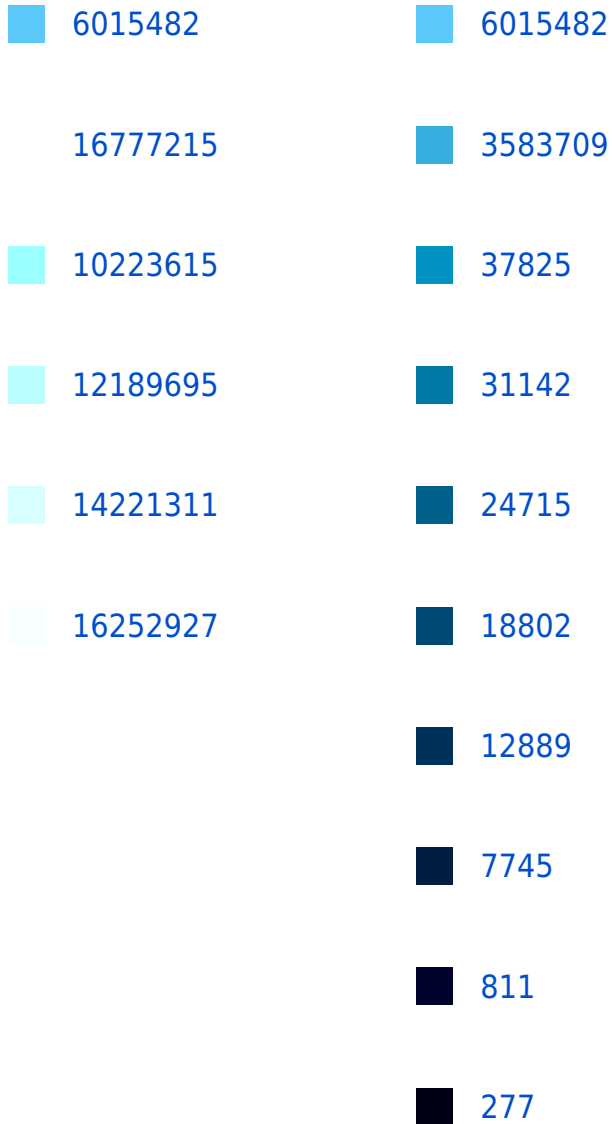
- Cyan (64%)
- Magenta (21%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6015482 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 6015482 by changing the saturation by 10% instead.





■ 6015482

■ 6015482

■ 4375034

■ 7655930

■ 2734842

■ 9296122

■ 1094394

■ 10936570

■ 44538

■ 12577018

■ 14217466

■ 15857658

■ 16777210

# Harmonies

## Analogous

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



4050914



6015482



9617407

# Triad

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



6015482



16753339



11323010

# Complementary

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



6015482



16419931

# 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.



13745271



6015482



16754329

# Square

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



6015482



15509725



15642752



8637852

# Rectangle

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



6015482



11974653



15642752



12174204

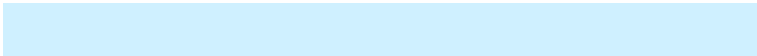


# Sweetspot

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



6015482



13627647



6027915



6452864



0



8421504



# Same Dimension

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



6015482



4047871



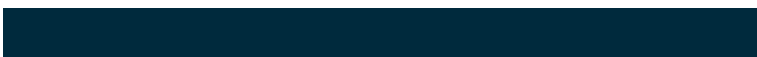
5995514



7371133



33725



10813



# Inverse Universe

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



16407497



16727491



16439899



8220793



12386435

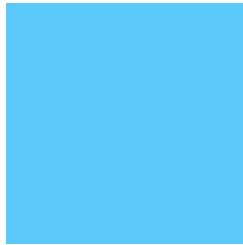


3997738



# Previews

## White Background



This preview shows how the Decimal color 6015482 looks on a white background.

## Color Contrast Check

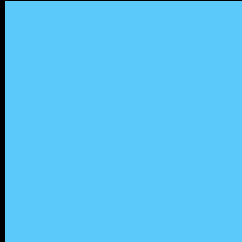
Large Text (above 18pt) WCAG AA × Fail

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 6015482 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

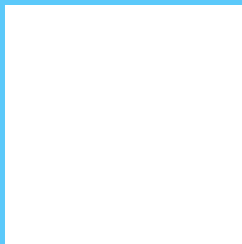
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6015482 Background



This preview shows how black text looks on a background with the Decimal color 6015482.



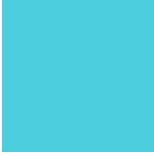
This preview shows how white text looks on a background with the Decimal color 6015482.

# 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](#).

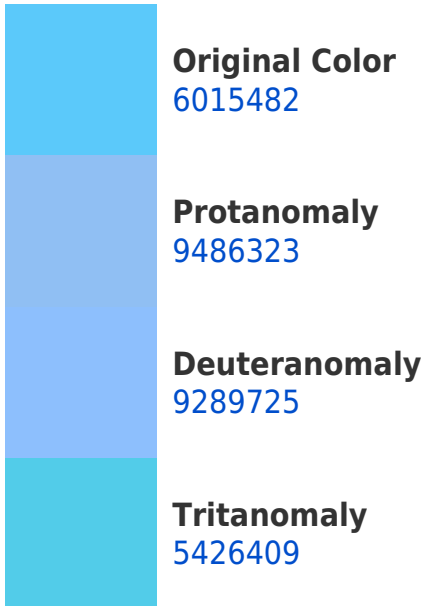
## Dichromacy





**Tritanopia**  
5099231

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6015482 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 #5BC9FA looks like.

```
.text, #text, p{  
    color:#5BC9FA  
}
```

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 #5BC9FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC9FA
}
```

## Border

The CSS property to change the border of an element to Decimal 6015482 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
#5BC9FA }
```

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

```
.border{ border-color:#5BC9FA }
```

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

Here you see how a box with a 4 pixel #5BC9FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC9FA; -webkit-box-shadow:4px 4px  
4px 4px #5BC9FA; box-shadow:4px 4px 4px  
4px #5BC9FA }
```

# Background

The CSS property to change the background color of an element to Decimal 6015482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC9FA }
```

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

```
.background{ background-color:#5BC9FA }
```

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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