

# Converting Colors

Decimal(6071765)

Have a look what the booklet for  
Decimal(6071765) contains.

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# **Color**

**Decimal(6071765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA5D5
RGB	92, 165, 213
RGB Percent	36%, 65%, 84%
CMY	0.6392, 0.3529, 0.1647
CMYK	0.57, 0.23, 0.00, 0.16
HSL	204°, 59%, 60%
HSV	204°, 57%, 84%
XYZ	29.8790, 33.9897, 67.9367
YIQ	148.6450, -58.9160, -0.5480

# Conversions

## Conversions Part 2

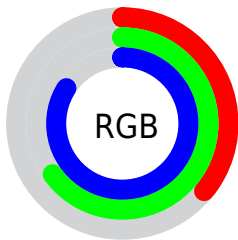
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	92, 138, 213
Decimal	6071765
CIE Lab	64.95, -8.97, -31.32
CIE LCh	65, 32.583, 254.025
Yxy	33.9897, 0.2267, 0.2579
Android (android.graphics.Color)	4284261845 (0xFF5CA5D5)
YUV	148.6450, 31.7270, -49.6777
Hunter-Lab	58.3007, -10.5452, -28.2791

# Details

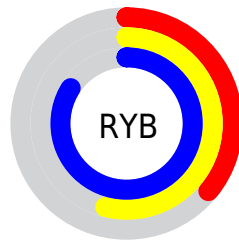
The Decimal color **6071765** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13995100**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9886975**, and **1405342** is the 20% darker color. If you saturate the color by 10%, you get **4693461**, and if you desaturate by 10%, it is **7450069**.

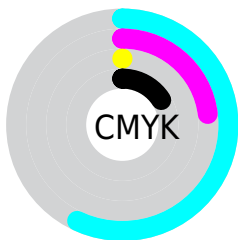
# Distribution



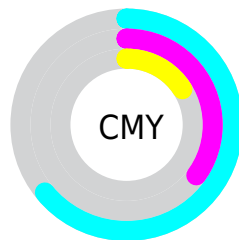
- Red (36%)
- Green (65%)
- Blue (84%)



- Red (36%)
- Yellow (54%)
- Blue (84%)



- Cyan (57%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (35%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6071765 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 6071765 by changing the saturation by 10% instead.



6071765

6071765

16777215

4033465

9886975

1405342

11794687

22916

13762559

17002

15663103

11346

6203

549

269

0

■ 6071765

■ 6071765

■ 4693461

■ 7450069

■ 3249365

■ 8894165

■ 1871061

■ 10272469

■ 492501

■ 11651029

■ 33237

■ 13094869

■ 14473429

■ 15851733

■ 16771541

■ 16773589

# Harmonies

## Analogous

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



3648453



6071765



9149654

# Triad

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



6071765



14125201



8628339

# Complementary

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



6071765



13995100

# 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.



10788964



6071765



13798774

# Square

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



6071765



13470126



12555878



6335629

# Rectangle

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



6071765



10917326



12555878



9348716

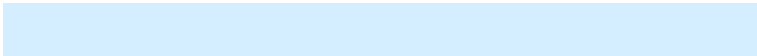


# Sweetspot

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



6071765



13954815



6083978



6714752



0



8421504



# Same Dimension

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



6071765



5421823



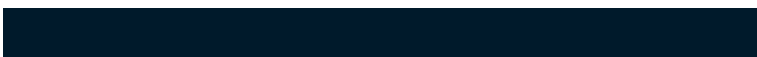
6056661



6317931



26539



6699



# Inverse Universe

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



13982885



16732858



14010204



7037031



11206759



2818074



# Previews

## White Background



This preview shows how the Decimal color 6071765 looks on a white background.

## Color Contrast Check

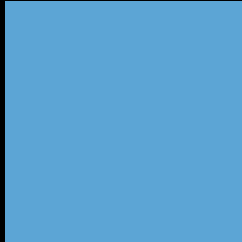
Large Text (above 18pt) WCAG AA × Fail

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 6071765 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

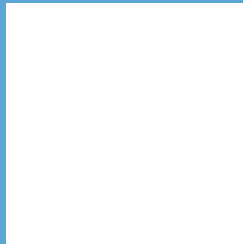
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6071765 Background



This preview shows how black text looks on a background with the Decimal color 6071765.




This preview shows how white text looks on a background with the Decimal color 6071765.

# 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](#).

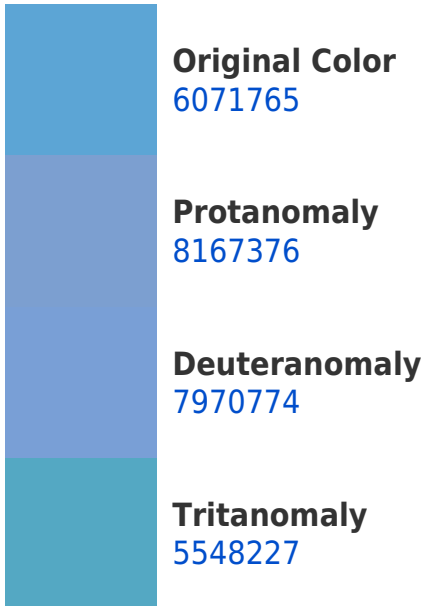
## Dichromacy



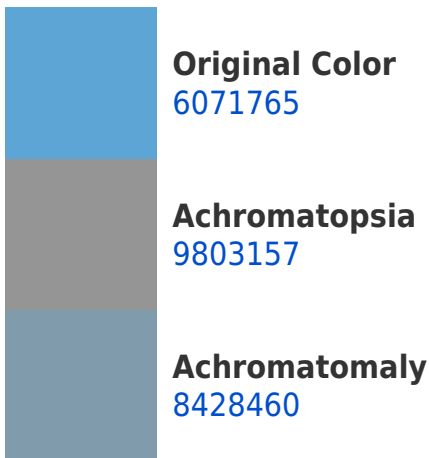


**Tritanopia**  
5286584

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6071765 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 #5CA5D5 looks like.

```
.text, #text, p{  
    color:#5CA5D5  
}
```

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 #5CA5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA5D5
}
```

## Border

The CSS property to change the border of an element to Decimal 6071765 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
#5CA5D5 }
```

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

```
.border{ border-color:#5CA5D5 }
```

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

Here you see how a box with a 4 pixel #5CA5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA5D5; -webkit-box-shadow:4px 4px  
4px 4px #5CA5D5; box-shadow:4px 4px 4px  
4px #5CA5D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 6071765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA5D5 }
```

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

```
.background{ background-color:#5CA5D5 }
```

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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