

# Converting Colors

Decimal(6010575)

Have a look what the booklet for  
Decimal(6010575) contains.

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# **Color**

**Decimal(6010575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB6CF
RGB	91, 182, 207
RGB Percent	36%, 71%, 81%
CMY	0.6431, 0.2863, 0.1882
CMYK	0.56, 0.12, 0.00, 0.19
HSL	193°, 55%, 58%
HSV	193°, 56%, 81%
XYZ	32.3048, 40.1850, 65.0853
YIQ	157.6410, -62.2610, -11.5170

# Conversions

## Conversions Part 2

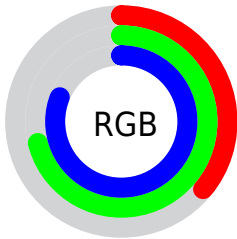
Format	Color
R <sub>Y</sub> B	91, 142, 207
Decimal	6010575
CIE Lab	69.60, -20.03, -20.89
CIE LCh	70, 28.942, 226.195
Yxy	40.1850, 0.2348, 0.2921
Android (android.graphics.Color)	4284200655 (0xFF5BB6CF)
YUV	157.6410, 24.3340, -58.4442
Hunter-Lab	63.3917, -19.9706, -16.4999

# Details

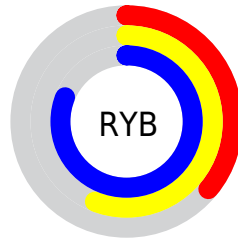
The Decimal color **6010575** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **13595739**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **9891583**, and **1147289** is the 20% darker color. If you saturate the color by 10%, you get **4633295**, and if you desaturate by 10%, it is **7387855**.

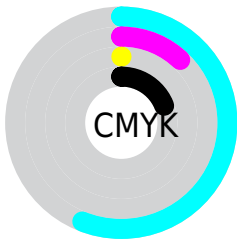
# Distribution



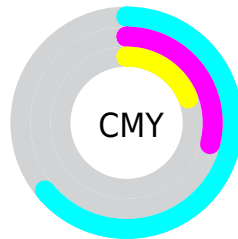
- Red (36%)
- Green (71%)
- Blue (81%)



- Red (36%)
- Yellow (56%)
- Blue (81%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (29%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6010575 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 6010575 by changing the saturation by 10% instead.



6010575

6010575

16777215

3972019

9891583

1147289

11796479

26751

13697023

20326

15663103

14414

9015

546

7

0

■ 6010575

■ 6010575

■ 4633295

■ 7387855

■ 3321295

■ 8699855

■ 1944015

■ 10077135

■ 566479

■ 11454671

■ 41679

■ 12831951

■ 14143951

■ 15521231

■ 16767695

■ 16768719

# Harmonies

## Analogous

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



6011320



6010575



7844060

# Triad

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



6010575



14063799



11447671

# Complementary

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



6010575



13595739

# 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.



13149303



6010575



14653341

# Square

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



6010575



12558031



14261381



9483397

# Rectangle

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



6010575



9481182



14261381



12036726

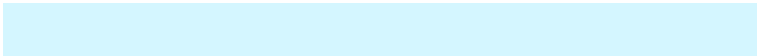


# Sweetspot

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



6010575



13956863



6016882



6716032



0



8421504



# Same Dimension

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



6010575



5561087



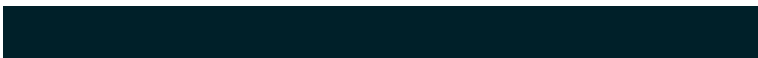
5996239



6186601



33960



8233



# Inverse Universe

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



13589430



16733402



13610075



6905446



11010180

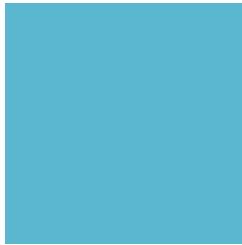


2687008



# Previews

## White Background



This preview shows how the Decimal color 6010575 looks on a white background.

## Color Contrast Check

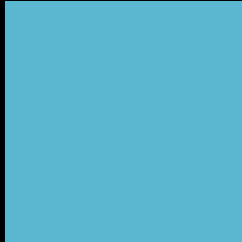
Large Text (above 18pt) WCAG AA × Fail

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 6010575 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 6010575 Background



This preview shows how black text looks on a background with the Decimal color 6010575.



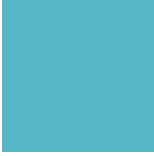
This preview shows how white text looks on a background with the Decimal color 6010575.

# 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](#).

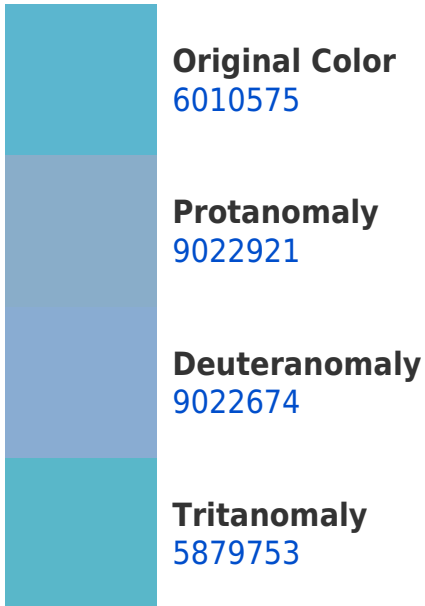
## Dichromacy





**Tritanopia**  
5814214

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6010575 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 #5BB6CF looks like.

```
.text, #text, p{  
    color:#5BB6CF  
}
```

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 #5BB6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB6CF
}
```

## Border

The CSS property to change the border of an element to Decimal 6010575 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
#5BB6CF }
```

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

```
.border{ border-color:#5BB6CF }
```

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

Here you see how a box with a 4 pixel #5BB6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB6CF; -webkit-box-shadow:4px 4px  
4px 4px #5BB6CF; box-shadow:4px 4px 4px  
4px #5BB6CF }
```

# Background

The CSS property to change the background color of an element to Decimal 6010575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB6CF }
```

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

```
.background{ background-color:#5BB6CF }
```

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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