

# Converting Colors

Decimal(6080745)

Have a look what the booklet for  
Decimal(6080745) contains.

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# **Color**

**Decimal(6080745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CC8E9
RGB	92, 200, 233
RGB Percent	36%, 78%, 91%
CMY	0.6392, 0.2157, 0.0863
CMYK	0.61, 0.14, 0.00, 0.09
HSL	194°, 76%, 64%
HSV	194°, 61%, 91%
XYZ	39.7759, 49.4671, 84.5425
YIQ	171.4700, -74.9610, -12.6330

# Conversions

## Conversions Part 2

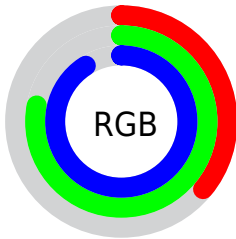
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 153, 233
Decimal	6080745
CIE <sub>Lab</sub>	75.74, -21.44, -25.65
CIE <sub>LCh</sub>	76, 33.431, 230.106
Yxy	49.4671, 0.2289, 0.2846
Android (android.graphics.Color)	4284270825 (0xFF5CC8E9)
YUV	171.4700, 30.3343, -69.6952
Hunter-Lab	70.3328, -22.1339, -22.0357

# Details

The Decimal color **6080745** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **15301980**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10158079**, and **37553** is the 20% darker color. If you saturate the color by 10%, you get **4572137**, and if you desaturate by 10%, it is **7589353**.

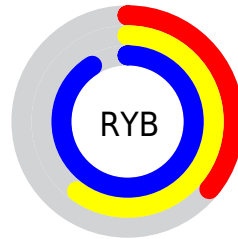
# Distribution



Red (36%)

Green (78%)

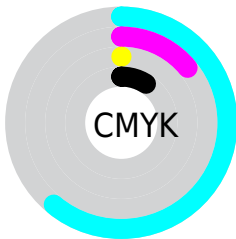
Blue (91%)



Red (36%)

Yellow (60%)

Blue (91%)

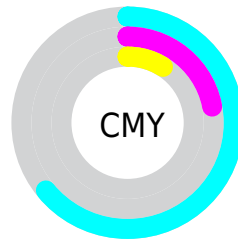


Cyan (61%)

Magenta (14%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (22%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6080745 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 6080745 by changing the saturation by 10% instead.



6080745

6080745

16777215

3780045

10158079

37553

12124159

30870

14090239

24445

16056319

18275

12363

7476

543

3

■ 6080745

■ 6080745

■ 4572137

■ 7589353

■ 2997737

■ 9163753

■ 1489129

■ 10672361

■ 45801

■ 12181225

■ 13755369

■ 15264233

■ 16772841

■ 16774377

■ 16775657

# Harmonies

## Analogous

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



5819343



6080745



8569335

# Triad

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



6080745



15836358



12304256

# Complementary

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



6080745



15301980

# 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.



14267774



6080745



16295079

# Square

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



6080745



1420035



15707021



10012562

# Rectangle

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



6080745



10599159



15707021



13024382

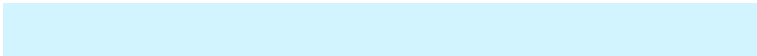


# Sweetspot

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



6080745



13759743



6089085



6519168



0



8421504



# Same Dimension

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



6080745



4576255



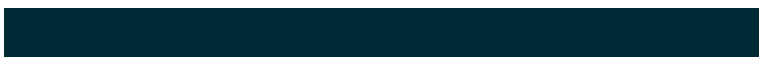
6062825



6976373



35765



10550



# Inverse Universe

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



15293640



16729555



15319900



7694963



11862155

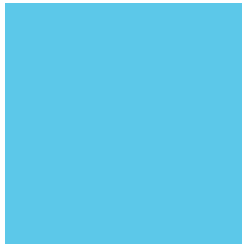


3538985



# Previews

## White Background



This preview shows how the Decimal color 6080745 looks on a white background.

## Color Contrast Check

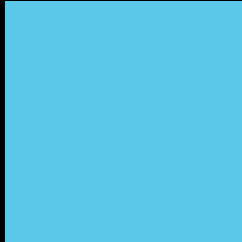
Large Text (above 18pt) WCAG AA × Fail

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 6080745 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 6080745 Background



This preview shows how black text looks on a background with the Decimal color 6080745.

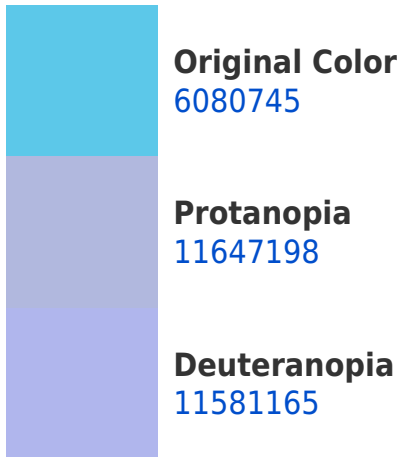


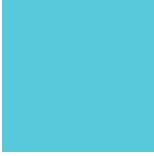
This preview shows how white text looks on a background with the Decimal color 6080745.

# 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



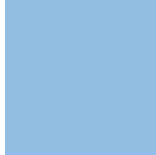


**Tritanopia**  
5688027

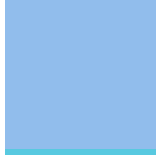
# Trichromacy



**Original Color**  
6080745



**Protanomaly**  
9617122



**Deuteranomaly**  
9551340

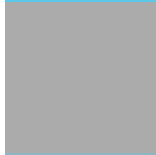


**Tritanomaly**  
5818848

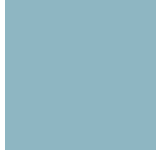
# Monochromacy



**Original Color**  
6080745



**Achromatopsia**  
11250603



**Achromatomaly**  
9352898

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6080745 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 #5CC8E9 looks like.

```
.text, #text, p{  
    color:#5CC8E9  
}
```

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 #5CC8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC8E9
}
```

## Border

The CSS property to change the border of an element to Decimal 6080745 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
#5CC8E9 }
```

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

```
.border{ border-color:#5CC8E9 }
```

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

Here you see how a box with a 4 pixel #5CC8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC8E9; -webkit-box-shadow:4px 4px  
4px 4px #5CC8E9; box-shadow:4px 4px 4px  
4px #5CC8E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6080745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC8E9 }
```

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

```
.background{ background-color:#5CC8E9 }
```

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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