

# Converting Colors

Decimal(5015777)

Have a look what the booklet for  
Decimal(5015777) contains.

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# Color

**Decimal(5015777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C88E1
RGB	76, 136, 225
RGB Percent	30%, 53%, 88%
CMY	0.7020, 0.4667, 0.1176
CMYK	0.66, 0.40, 0.00, 0.12
HSL	216°, 71%, 59%
HSV	216°, 66%, 88%
XYZ	25.3753, 24.5811, 74.6414
YIQ	128.2060, -64.3290, 14.9590

# Conversions

## Conversions Part 2

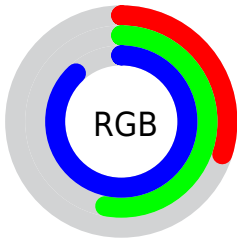
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 119, 225
Decimal	5015777
CIE <sub>Lab</sub>	56.66, 8.74, -51.06
CIE <sub>LCh</sub>	57, 51.806, 279.716
Yxy	24.5811, 0.2037, 0.1973
Android (android.graphics.Color)	4283205857 (0xFF4C88E1)
YUV	128.2060, 47.7194, -45.7847
Hunter-Lab	49.5793, 4.5946, -54.5553

# Details

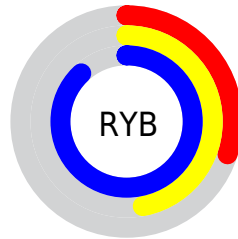
The Decimal color **5015777** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **14787916**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **9092607**, and **22441** is the 20% darker color. If you saturate the color by 10%, you get **3570657**, and if you desaturate by 10%, it is **6526433**.

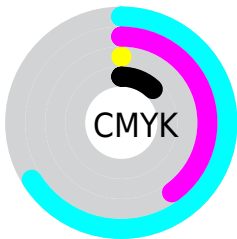
# Distribution



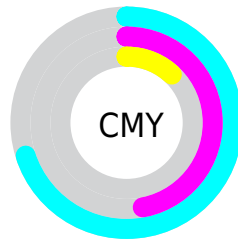
- Red (30%)
- Green (53%)
- Blue (88%)



- Red (30%)
- Yellow (47%)
- Blue (88%)



- Cyan (66%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (70%)
- Magenta (47%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5015777 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 5015777 by changing the saturation by 10% instead.



■ 5015777

■ 5015777

16777215

■ 2453445

■ 9092607

■ 22441

■ 11065855

■ 16526

■ 13039103

■ 11124

■ 15073279

■ 6235

■ 1859

■ 812

■ 278

■ 0

■ 5015777

■ 5015777

■ 3570657

■ 6526433

■ 2059745

■ 7971809

■ 614625

■ 9482465

■ 23521

■ 10927841

■ 12438497

■ 13883873

■ 15394529

■ 16774369

■ 16777185

# Harmonies

## Analogous

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



38364



5015777



10385102

# Triad

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



5015777



13855056



40039

# Complementary

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



5015777



14787916

# 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.



6460734



5015777



12155440

# Square

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



5015777



14376827



9669159



40598

# Rectangle

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



5015777



12479158



9669159



3381848



# Sweetspot

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



5015777



13427199



5038499



6385024



0



8421504



# Same Dimension

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



5015777



3573759



5786849



6646128



18352



5168



# Inverse Universe

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



14765192



16725639



14016844



7365993



11534407

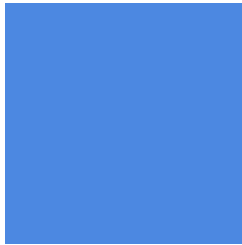


3145748



# Previews

## White Background



This preview shows how the Decimal color 5015777 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5015777 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 × Fail

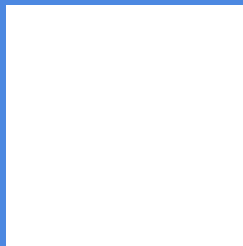
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5015777 Background



This preview shows how black text looks on a background with the Decimal color 5015777.



This preview shows how white text looks on a background with the Decimal color 5015777.

# 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](#).

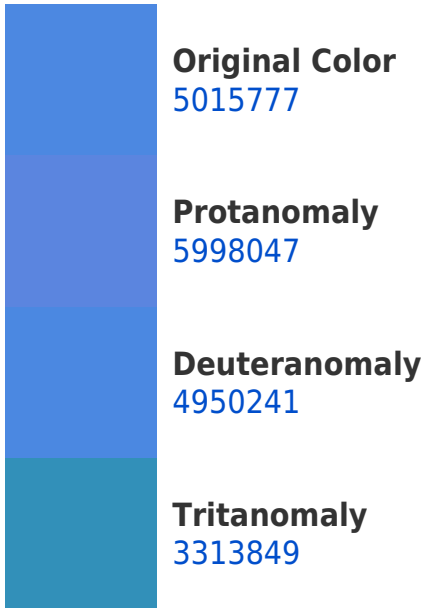
## Dichromacy





**Tritanopia**  
2332066

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5015777 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 #4C88E1 looks like.

```
.text, #text, p{  
  color:#4C88E1  
}
```

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 #4C88E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C88E1
}
```

## Border

The CSS property to change the border of an element to Decimal 5015777 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
#4C88E1 }
```

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

```
.border{ border-color:#4C88E1 }
```

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

Here you see how a box with a 4 pixel #4C88E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C88E1; -webkit-box-shadow:4px 4px  
4px 4px #4C88E1; box-shadow:4px 4px 4px  
4px #4C88E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 5015777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C88E1 }
```

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

```
.background{ background-color:#4C88E1 }
```

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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