

Converting Colors

Decimal(5018077)

Have a look what the booklet for
Decimal(5018077) contains.

Decimal(5018077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5018077)

Conversions

Conversions Part 1

Format	Color
Hex	4C91DD
RGB	76, 145, 221
RGB Percent	30%, 57%, 87%
CMY	0.7020, 0.4314, 0.1333
CMYK	0.66, 0.34, 0.00, 0.13
HSL	211°, 68%, 58%
HSV	211°, 66%, 87%
XYZ	26.1570, 27.0078, 72.2410
YIQ	133.0330, -65.5200, 9.0080

Conversions

Conversions Part 2

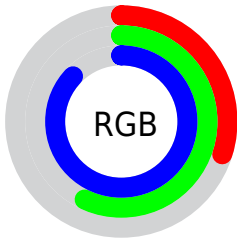
Format	Color
R_{YB}	76, 123, 221
Decimal	5018077
CIE _{Lab}	58.98, 2.03, -45.16
CIE _{LCh}	59, 45.204, 272.575
Yxy	27.0078, 0.2086, 0.2154
Android (android.graphics.Color)	4283208157 (0xFF4C91DD)
YUV	133.0330, 43.3677, -50.0179
Hunter-Lab	51.9690, -1.1031, -46.0395

Details

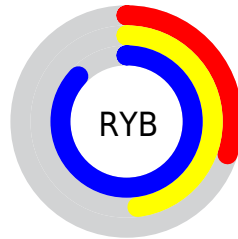
The Decimal color **5018077** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **14522444**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **9095167**, and **24485** is the 20% darker color. If you saturate the color by 10%, you get **3573213**, and if you desaturate by 10%, it is **6462941**.

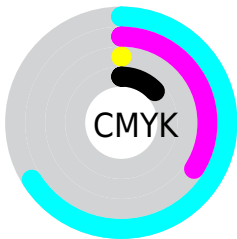
Distribution



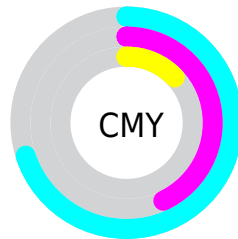
- Red (30%)
- Green (57%)
- Blue (87%)



- Red (30%)
- Yellow (48%)
- Blue (87%)



- Cyan (66%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5018077 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 5018077 by changing the saturation by 10% instead.

■ 5018077

■ 5018077

16777215

■ 2521281

■ 9095167

■ 24485

■ 11068159

■ 18571

■ 12976127

■ 12913

■ 14942207

■ 7768

■ 1856

■ 809

■ 275

■ 0

■ 5018077

■ 5018077

■ 3573213

■ 6462941

■ 2128605

■ 7907549

■ 683741

■ 9352413

■ 27101

■ 10797021

■ 12307421

■ 13752285

■ 15196893

■ 16641757

■ 16775645

Harmonies

Analogous

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



40148



5018077



9798353

Triad

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



5018077



13988197



4497256

Complementary

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



5018077



14522444

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.



7968840



5018077



12746568

Square

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



5018077



14118028



10652988



41616

Rectangle

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



5018077



11892927



10652988



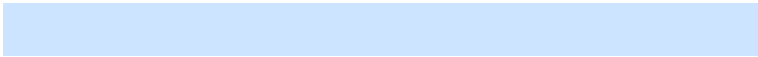
5807452

Sweetspot

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



5018077



13427967



5037463



6385536



0



8421504

Same Dimension

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



5018077



3577343



5131485



6514798



21421



5678

Inverse Universe

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



14503057



16725653



14409036



7234408



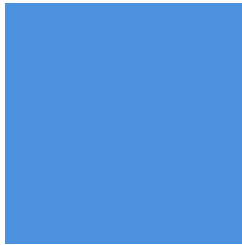
11337811



3014678

Previews

White Background



This preview shows how the Decimal color 5018077 looks on a white background.

Color Contrast Check

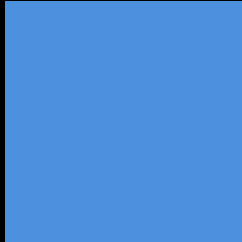
Large Text (above 18pt) WCAG AA ✓ Pass

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 5018077 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 5018077 Background



This preview shows how black text looks on a background with the Decimal color 5018077.



This preview shows how white text looks on a background with the Decimal color 5018077.

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](#).

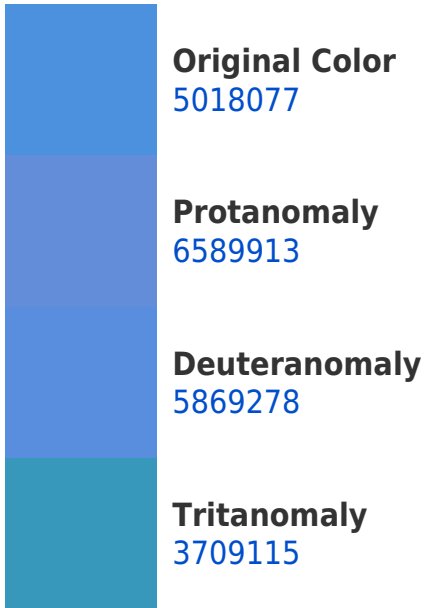
Dichromacy





Tritanopia
2989224

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5018077 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 #4C91DD looks like.

```
.text, #text, p{  
    color:#4C91DD  
}
```

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 #4C91DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C91DD
}
```

Border

The CSS property to change the border of an element to Decimal 5018077 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
#4C91DD }
```

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

```
.border{ border-color:#4C91DD }
```

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

Here you see how a box with a 4 pixel #4C91DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C91DD; -webkit-box-shadow:4px 4px  
4px 4px #4C91DD; box-shadow:4px 4px 4px  
4px #4C91DD }
```

Background

The CSS property to change the background color of an element to Decimal 5018077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C91DD }
```

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

```
.background{ background-color:#4C91DD }
```

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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