

Converting Colors

Decimal(5015270)

Have a look what the booklet for
Decimal(5015270) contains.

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Color

Decimal(5015270)

Conversions

Conversions Part 1

Format	Color
Hex	4C86E6
RGB	76, 134, 230
RGB Percent	30%, 53%, 90%
CMY	0.7020, 0.4745, 0.0980
CMYK	0.67, 0.42, 0.00, 0.10
HSL	217°, 75%, 60%
HSV	217°, 67%, 90%
XYZ	25.7885, 24.2999, 78.1941
YIQ	127.6020, -65.3840, 17.5600

Conversions

Conversions Part 2

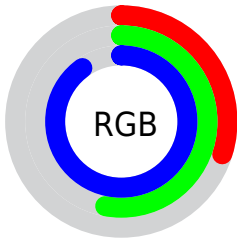
Format	Color
R_{YB}	76, 118, 230
Decimal	5015270
CIE Lab	56.39, 11.68, -54.30
CIE LCh	56, 55.540, 282.140
Yxy	24.2999, 0.2010, 0.1894
Android (android.graphics.Color)	4283205350 (0xFF4C86E6)
YUV	127.6020, 50.4822, -45.2550
Hunter-Lab	49.2949, 7.1158, -59.5424

Details

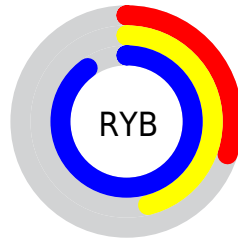
The Decimal color **5015270** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **15117388**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9157631**, and **21934** is the 20% darker color. If you saturate the color by 10%, you get **3504358**, and if you desaturate by 10%, it is **6526182**.

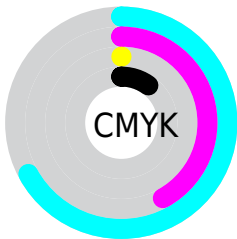
Distribution



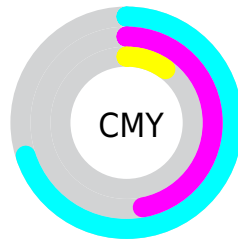
- Red (30%)
- Green (53%)
- Blue (90%)



- Red (30%)
- Yellow (46%)
- Blue (90%)



- Cyan (67%)
- Magenta (42%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5015270 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 5015270 by changing the saturation by 10% instead.

■ 5015270

■ 5015270

16777215

■ 2387402

■ 9157631

■ 21934

■ 11130623

■ 16275

■ 13169663

■ 10872

■ 15138815

■ 5983

■ 2119

■ 1071

■ 282

■ 0

■ 5015270

■ 5015270

■ 3504358

■ 6526182

■ 1993190

■ 8037350

■ 482278

■ 9548262

■ 22502

■ 11059174

■ 12570342

■ 14081254

■ 15592166

■ 16775654

■ 16777190

Harmonies

Analogous

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



38371



5015270



10711759

Triad

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



5015270



13985608



40040

Complementary

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



5015270



15117388

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.



5805627



5015270



12089894

Square

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



5015270



14637685



9341725



40602

Rectangle

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



5015270



12870837



9341725



1547096

Sweetspot

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



5015270



13426687



5039787



6384768



0



8421504

Same Dimension

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



5015270



3375359



6180070



6777971



17331



4915

Inverse Universe

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



15092870



16724864



13952588



7563116



11731011



3342355

Previews

White Background



This preview shows how the Decimal color 5015270 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 5015270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

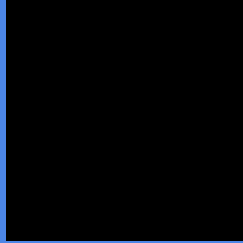
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

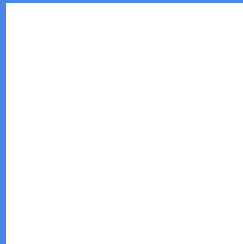
Any Text WCAG AAA × Fail

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

Decimal 5015270 Background



This preview shows how black text looks on a background with the Decimal color 5015270.



This preview shows how white text looks on a background with the Decimal color 5015270.

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](#).

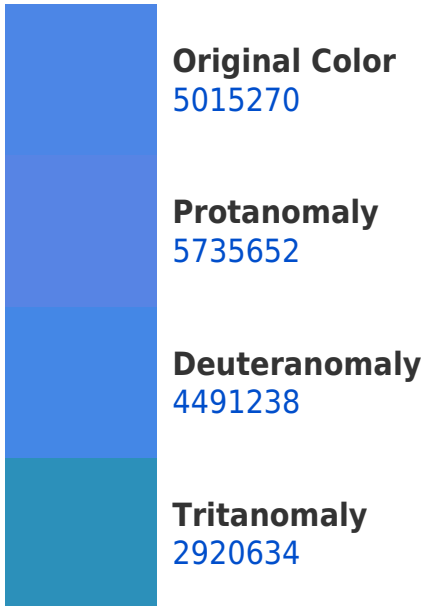
Dichromacy



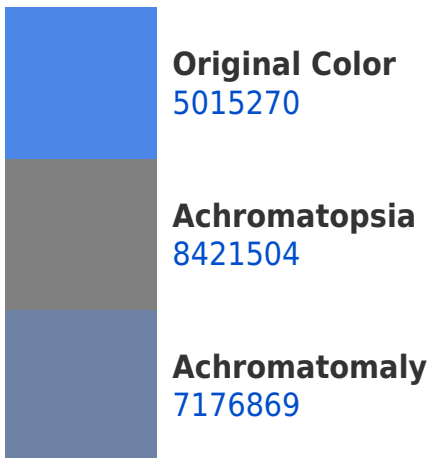


Tritanopia
1742241

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5015270 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 #4C86E6 looks like.

```
.text, #text, p{  
    color:#4C86E6  
}
```

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 #4C86E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C86E6
}
```

Border

The CSS property to change the border of an element to Decimal 5015270 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
#4C86E6 }
```

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

```
.border{ border-color:#4C86E6 }
```

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

Here you see how a box with a 4 pixel #4C86E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C86E6; -webkit-box-shadow:4px 4px  
4px 4px #4C86E6; box-shadow:4px 4px 4px  
4px #4C86E6 }
```

Background

The CSS property to change the background color of an element to Decimal 5015270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C86E6 }
```

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

```
.background{ background-color:#4C86E6 }
```

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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