

# Converting Colors

Decimal(4876520)

Have a look what the booklet for  
Decimal(4876520) contains.

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# Color

**Decimal(4876520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A68E8
RGB	74, 104, 232
RGB Percent	29%, 41%, 91%
CMY	0.7098, 0.5922, 0.0902
CMYK	0.68, 0.55, 0.00, 0.09
HSL	229°, 77%, 60%
HSV	229°, 68%, 91%
XYZ	22.3398, 17.1827, 78.4831
YIQ	109.6220, -58.9680, 33.4480

# Conversions

## Conversions Part 2

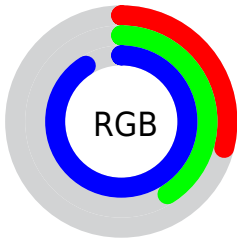
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 99, 232
Decimal	4876520
CIE <sub>Lab</sub>	48.49, 30.60, -68.13
CIE <sub>LCh</sub>	48, 74.689, 294.183
Yxy	17.1827, 0.1893, 0.1456
Android (android.graphics.Color)	4283066600 (0xFF4A68E8)
YUV	109.6220, 60.3324, -31.2405
Hunter-Lab	41.4520, 23.6586, -83.2403

# Details

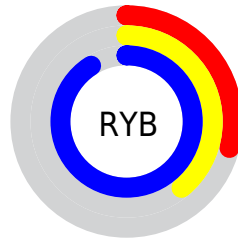
The Decimal color **4876520** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **15256138**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9149439**, and **15023** is the 20% darker color. If you saturate the color by 10%, you get **3364328**, and if you desaturate by 10%, it is **6388712**.

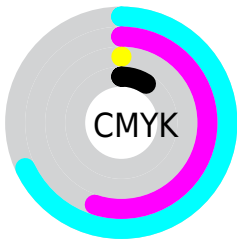
# Distribution



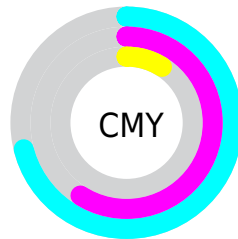
- Red (29%)
- Green (41%)
- Blue (91%)



- Red (29%)
- Yellow (39%)
- Blue (91%)



- Cyan (68%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (59%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4876520 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 4876520 by changing the saturation by 10% instead.



■ 4876520

■ 4876520

16777215

■ 1986763

■ 9149439

■ 15023

■ 11187967

■ 9620

■ 13160959

■ 4985

■ 15199743

■ 96

■ 2119

■ 1072

■ 282

■ 0

■ 4876520

■ 4876520

■ 3364328

■ 6388712

■ 1852136

■ 7900904

■ 274664

■ 9478376

■ 11496

■ 10990568

■ 12502760

■ 14014952

■ 15527144

■ 16776936

■ 16777192

# Harmonies

## Analogous

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



32754



4876520



11617470

# Triad

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



4876520



12799744



36196

# Complementary

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



4876520



15256138

# 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.



35103



4876520



9858048

# Square

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



4876520



14493252



5996288



36518

# Rectangle

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



4876520



13706903



5996288



35918



# Sweetspot

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



4876520



13424383



4909256



6383488



0



8421504



# Same Dimension

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



4876520



3036927



7949032



6777203



8883



2611



# Inverse Universe

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



15223400



16723542



12183626



7563113



11730978

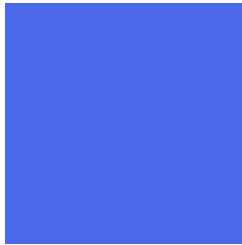


3342346



# Previews

## White Background



This preview shows how the Decimal color 4876520 looks on a white background.

## Color Contrast Check

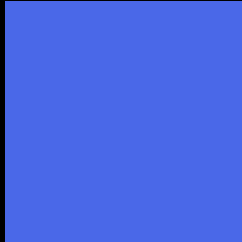
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 4876520 looks on a black 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

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



## Decimal 4876520 Background



This preview shows how black text looks on a background with the Decimal color 4876520.

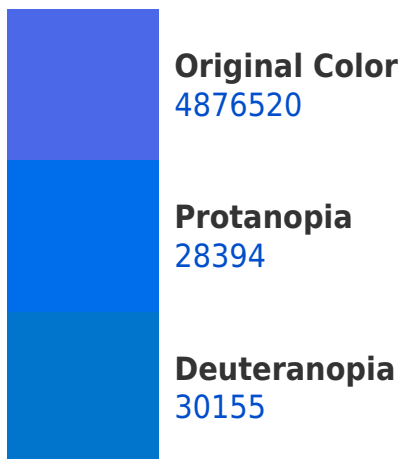


This preview shows how white text looks on a background with the Decimal color 4876520.

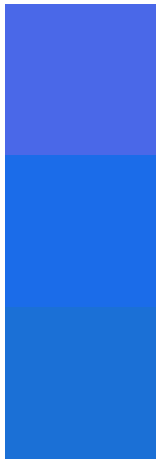
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
4876520

**Protanomaly**  
1797353

**Deuteranomaly**  
1798358

# Monochromacy



**Original Color**  
4876520

**Achromatopsia**  
7237230

**Achromatomaly**  
6384794

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4876520 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 #4A68E8 looks like.

```
.text, #text, p{  
    color:#4A68E8  
}
```

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 #4A68E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A68E8
}
```

## Border

The CSS property to change the border of an element to Decimal 4876520 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
#4A68E8 }
```

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

```
.border{ border-color:#4A68E8 }
```

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

Here you see how a box with a 4 pixel #4A68E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A68E8; -webkit-box-shadow:4px 4px  
4px 4px #4A68E8; box-shadow:4px 4px 4px  
4px #4A68E8 }
```

# Background

The CSS property to change the background color of an element to Decimal 4876520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A68E8 }
```

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

```
.background{ background-color:#4A68E8 }
```

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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