

# Converting Colors

Decimal(4683260)

Have a look what the booklet for  
Decimal(4683260) contains.

|  |    |
|--|----|
| <b>Decimal(4683260)</b> .....                  | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Decimal(4683260)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 4775FC                      |
| RGB         | 71, 117, 252                |
| RGB Percent | 28%, 46%, 99%               |
| CMY         | 0.7216, 0.5412, 0.0118      |
| CMYK        | 0.72, 0.54, 0.00, 0.01      |
| HSL         | 225°, 97%, 63%              |
| HSV         | 225°, 72%, 99%              |
| XYZ         | 26.5305, 21.0904, 94.7680   |
| YIQ         | 118.6360, -70.7510, 32.2330 |

# Conversions

## Conversions Part 2

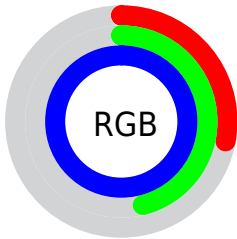
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 71, 108, 252                   |
| Decimal                             | 4683260                        |
| CIE Lab                             | 53.05, 29.15, -71.91           |
| CIE LCh                             | 53, 77.588, 292.064            |
| Yxy                                 | 21.0904, 0.1863,<br>0.1481     |
| Android<br>(android.graphics.Color) | 4282873340<br>(0xFF4775FC)     |
| YUV                                 | 118.6360, 65.7485,<br>-41.7768 |
| Hunter-Lab                          | 45.9243, 22.7519,<br>-90.2019  |

# Details

The Decimal color **4683260** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **16567879**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9218559**, and **18114** is the 20% darker color. If you saturate the color by 10%, you get **3039996**, and if you desaturate by 10%, it is **6326524**.

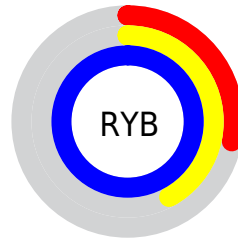
# Distribution



Red (28%)

Green (46%)

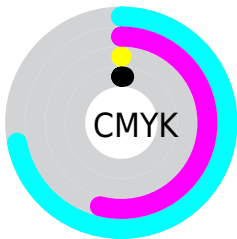
Blue (99%)



Red (28%)

Yellow (42%)

Blue (99%)

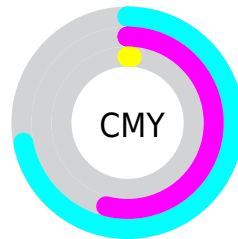


Cyan (72%)

Magenta (54%)

Yellow (0%)

Black (1%)



Cyan (72%)

Magenta (54%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4683260 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 4683260 by changing the saturation by 10% instead.



 4683260

 4683260

16777215

 875999

 9218559

 18114

 11322623

 12454


 13361151

 7563

 15400191

 2417

 3159

 1599

 808

 274

■ 4683260

■ 4683260

■ 3039996

■ 6326524

■ 1396732

■ 7969788

■ 16636

■ 9678332

■ 11321596

■ 12964860

■ 14608124

■ 16251388

16777212

# Harmonies

## Analogous

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



36095



4683260



12276178

# Triad

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



4683260



14112263



39530

# Complementary

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



4683260



16567879

# 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.



38177



4683260



11040256

# Square

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



4683260



15740753



6982144



39855

# Rectangle

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



4683260



14628009



6982144



39251



# Sweetspot

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



4683260



13096447



4717772



6186880



0



8421504



# Same Dimension

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



4683260



2382847



7423996



7369853



12477



4157



# Inverse Universe

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



16533365



16720987



13827143



8220788



12386352

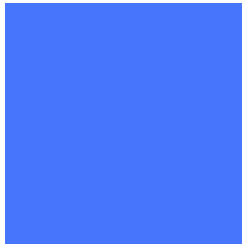


3997712



# Previews

## White Background



This preview shows how the Decimal color 4683260 looks on a white background.

## Color Contrast Check

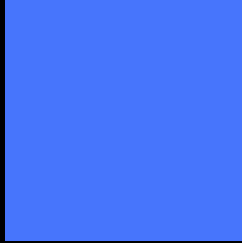
Large Text (above 18pt) WCAG AA ✓ Pass

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 4683260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

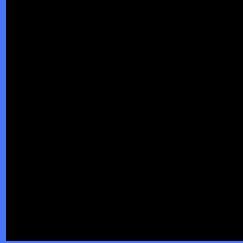
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4683260 Background



This preview shows how black text looks on a background with the Decimal color 4683260.



This preview shows how white text looks on a background with the Decimal color 4683260.

# 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**  
35990

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4683260 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 #4775FC looks like.

```
.text, #text, p{  
    color:#4775FC  
}
```

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 #4775FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4775FC
}
```

## Border

The CSS property to change the border of an element to Decimal 4683260 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
#4775FC }
```

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

```
.border{ border-color:#4775FC }
```

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

Here you see how a box with a 4 pixel #4775FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4775FC; -webkit-box-shadow:4px 4px  
4px 4px #4775FC; box-shadow:4px 4px 4px  
4px #4775FC }
```

# Background

The CSS property to change the background color of an element to Decimal 4683260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4775FC }
```

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

```
.background{ background-color:#4775FC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor