

Converting Colors

Decimal(4683004)

Have a look what the booklet for
Decimal(4683004) contains.

Decimal(4683004)	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(4683004)

Conversions

Conversions Part 1

Format	Color
Hex	4774FC
RGB	71, 116, 252
RGB Percent	28%, 45%, 99%
CMY	0.7216, 0.5451, 0.0118
CMYK	0.72, 0.54, 0.00, 0.01
HSL	225°, 97%, 63%
HSV	225°, 72%, 99%
XYZ	26.4146, 20.8587, 94.7294
YIQ	118.0490, -70.4760, 32.7560

Conversions

Conversions Part 2

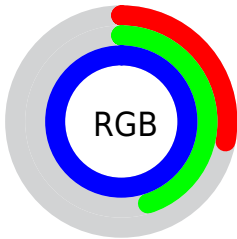
Format	Color
R _Y B	71, 107, 252
Decimal	4683004
CIE _{Lab}	52.79, 29.76, -72.32
CIE _{LCh}	53, 78.203, 292.370
Yxy	20.8587, 0.1860, 0.1469
Android (android.graphics.Color)	4282873084 (0xFF4774FC)
YUV	118.0490, 66.0378, -41.2620
Hunter-Lab	45.6713, 23.3132, -91.0069

Details

The Decimal color **4683004** 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 **16568135**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9218047**, and **17858** is the 20% darker color. If you saturate the color by 10%, you get **3039740**, and if you desaturate by 10%, it is **6326268**.

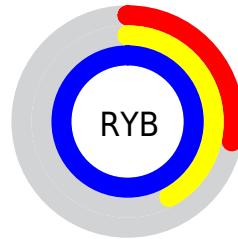
Distribution



Red (28%)

Green (45%)

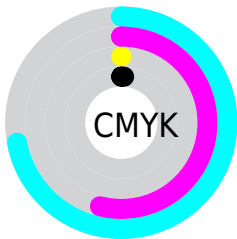
Blue (99%)



Red (28%)

Yellow (42%)

Blue (99%)

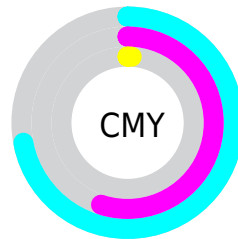


Cyan (72%)

Magenta (54%)

Yellow (0%)

Black (1%)



Cyan (72%)

Magenta (55%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4683004 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 4683004 by changing the saturation by 10% instead.

■ 4683004

■ 4683004

16777215

■ 875743

■ 9218047

■ 17858

■ 11322367

■ 12454

■ 13360895

■ 7563

■ 15399935

■ 1905

■ 3159

■ 1599

■ 808

■ 274

■ 4683004

■ 4683004

■ 3039740

■ 6326268

■ 1396476

■ 7969532

■ 16380

■ 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



4683004



12341201

Triad

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



4683004



14046467



39530

Complementary

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



4683004



16568135

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.



37920



4683004



10974464

Square

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



4683004



15739984



6916352



39856

Rectangle

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



4683004



14692776



6916352



38994

Sweetspot

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



4683004



13096447



4717775



6186880



0



8421504

Same Dimension

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



4683004



2382591



7620604



7369853



12221



3901

Inverse Universe

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



16533364



16720986



13630535



8220788



12386351



3997711

Previews

White Background



This preview shows how the Decimal color 4683004 looks on a white background.

Color Contrast Check

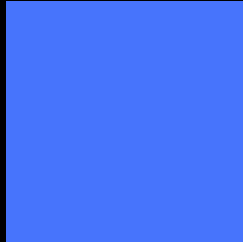
Large Text (above 18pt) WCAG AA ✓ Pass

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 4683004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

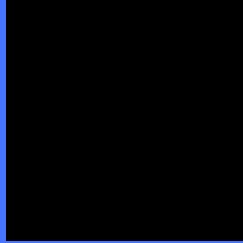
Any Text WCAG AA ✓ Pass

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 4683004 Background



This preview shows how black text looks on a background with the Decimal color 4683004.



This preview shows how white text looks on a background with the Decimal color 4683004.

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
35733

Trichromacy



Original Color
4683004

Protanomaly
2521086

Deuteranomaly
1735913

Tritanomaly
1737658

Monochromacy



Original Color
4683004

Achromatopsia
7763574

Achromatomaly
6649255

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4683004 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 #4774FC looks like.

```
.text, #text, p{  
  color:#4774FC  
}
```

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 #4774FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4774FC
}
```

Border

The CSS property to change the border of an element to Decimal 4683004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

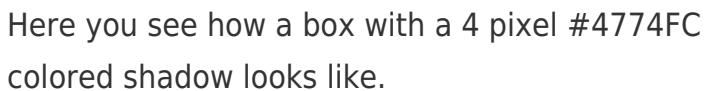
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4774FC }
```

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

```
.border{ border-color:#4774FC }
```

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



Here you see how a box with a 4 pixel #4774FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4774FC; -webkit-box-shadow:4px 4px  
4px 4px #4774FC; box-shadow:4px 4px 4px  
4px #4774FC }
```

Background

The CSS property to change the background color of an element to Decimal 4683004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4774FC }
```

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

```
.background{ background-color:#4774FC }
```

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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