

Converting Colors

Decimal(4488180)

Have a look what the booklet for
Decimal(4488180) contains.

Decimal(4488180)	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(4488180)

Conversions

Conversions Part 1

Format	Color
Hex	447BF4
RGB	68, 123, 244
RGB Percent	27%, 48%, 96%
CMY	0.7333, 0.5176, 0.0431
CMYK	0.72, 0.50, 0.00, 0.04
HSL	221°, 89%, 61%
HSV	221°, 72%, 96%
XYZ	25.7960, 21.9265, 88.4606
YIQ	120.3490, -71.6210, 25.9710

Conversions

Conversions Part 2

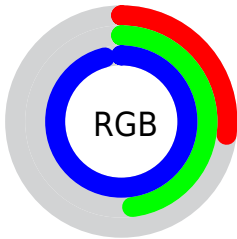
Format	Color
R _Y B	68, 110, 244
Decimal	4488180
CIE Lab	53.95, 22.22, -66.02
CIE LCh	54, 69.658, 288.601
Yxy	21.9265, 0.1894, 0.1610
Android (android.graphics.Color)	4282678260 (0xFF447BF4)
YUV	120.3490, 60.9599, -45.9101
Hunter-Lab	46.8258, 16.3894, -79.2293

Details

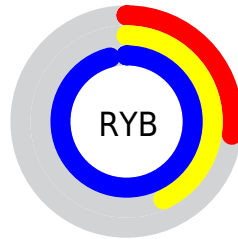
The Decimal color **4488180** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **16039236**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **8957951**, and **19387** is the 20% darker color. If you saturate the color by 10%, you get **2910964**, and if you desaturate by 10%, it is **6065396**.

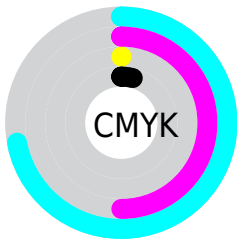
Distribution



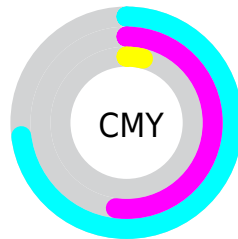
- Red (27%)
- Green (48%)
- Blue (96%)



- Red (27%)
- Yellow (43%)
- Blue (96%)



- Cyan (72%)
- Magenta (50%)
- Yellow (0%)
- Black (4%)



- Cyan (73%)
- Magenta (52%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4488180 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 4488180 by changing the saturation by 10% instead.

■ 4488180

■ 4488180

16777215

■ 549847

■ 8957951

■ 19387

■ 10996479

■ 13983

■ 13035263

■ 8836

■ 15073279

■ 3946

■ 2897

■ 1337

■ 547

■ 9

■ 4488180

■ 4488180

■ 2910964

■ 6065396

■ 1268212

■ 7708148

■ 19700

■ 9285108

■ 10927860

■ 12505076

■ 14082292

■ 15724788

■ 16777204

Harmonies

Analogous

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



36856



4488180



11624145

Triad

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



4488180



14048038



39527

Complementary

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



4488180



16039236

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.



2331944



4488180



11433472

Square

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



4488180



15351903



7899392



40102

Rectangle

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



4488180



13978030



7899392



39250

Sweetspot

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



4488180



13097215



4519100



6187392



0



8421504

Same Dimension

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



4488180



2189055



6571252



7238266



15034



4667

Inverse Universe

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



16008315



16720230



13956164



8023666



12189754



3866642

Previews

White Background



This preview shows how the Decimal color 4488180 looks on a white background.

Color Contrast Check

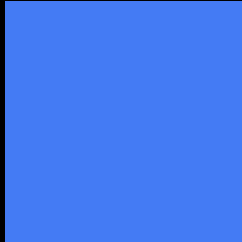
Large Text (above 18pt) WCAG AA ✓ Pass

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 4488180 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 4488180 Background



This preview shows how black text looks on a background with the Decimal color 4488180.

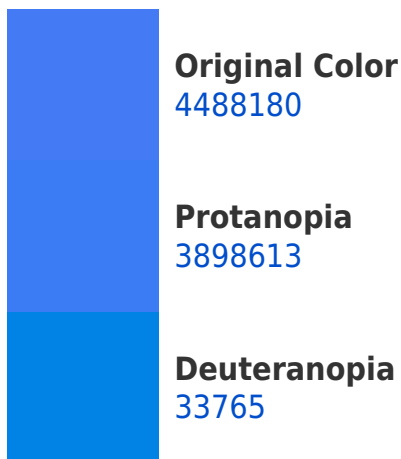


This preview shows how white text looks on a background with the Decimal color 4488180.

Color Blindness Simulation

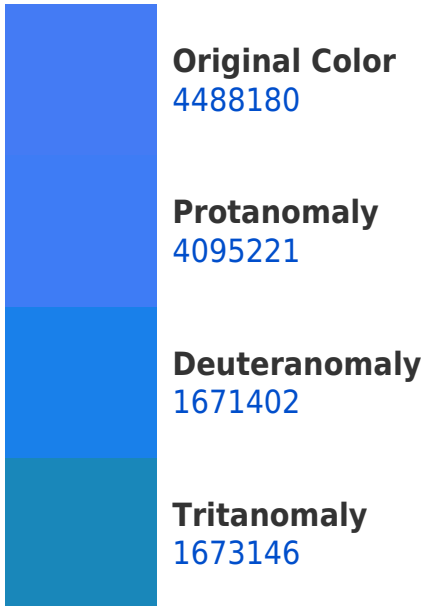
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4488180 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 #447BF4 looks like.

```
.text, #text, p{  
    color:#447BF4  
}
```

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 #447BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447BF4
}
```

Border

The CSS property to change the border of an element to Decimal 4488180 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
#447BF4 }
```

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

```
.border{ border-color:#447BF4 }
```

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

Here you see how a box with a 4 pixel #447BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447BF4; -webkit-box-shadow:4px 4px  
4px 4px #447BF4; box-shadow:4px 4px 4px  
4px #447BF4 }
```

Background

The CSS property to change the background color of an element to Decimal 4488180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447BF4 }
```

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

```
.background{ background-color:#447BF4 }
```

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