

Converting Colors

Decimal(4745679)

Have a look what the booklet for
Decimal(4745679) contains.

Decimal(4745679)	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(4745679)

Conversions

Conversions Part 1

Format	Color
Hex	4869CF
RGB	72, 105, 207
RGB Percent	28%, 41%, 81%
CMY	0.7176, 0.5882, 0.1882
CMYK	0.65, 0.49, 0.00, 0.19
HSL	225°, 58%, 55%
HSV	225°, 65%, 81%
XYZ	18.9865, 15.9859, 61.1164
YIQ	106.7610, -52.4100, 24.7260

Conversions

Conversions Part 2

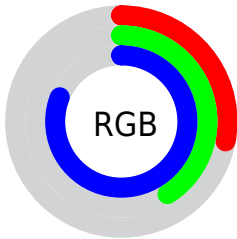
Format	Color
RYB	72, 99, 207
Decimal	4745679
CIELab	46.96, 20.92, -56.43
CIELCh	47, 60.188, 290.342
Yxy	15.9859, 0.1976, 0.1664
Android (android.graphics.Color)	4282935759 (0xFF4869CF)
YUV	106.7610, 49.4178, -30.4854
Hunter-Lab	39.9823, 14.7959, -62.6422

Details

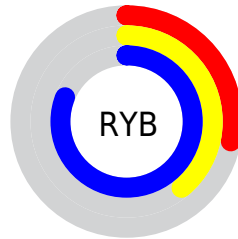
The Decimal color **4745679** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **13610568**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8756479**, and **15256** is the 20% darker color. If you saturate the color by 10%, you get **3365327**, and if you desaturate by 10%, it is **6126031**.

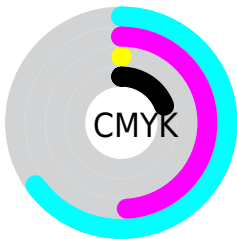
Distribution



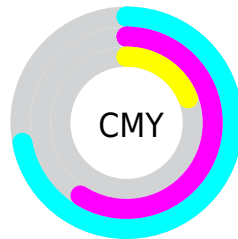
- Red (28%)
- Green (41%)
- Blue (81%)



- Red (28%)
- Yellow (39%)
- Blue (81%)



- Cyan (65%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (72%)
- Magenta (59%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4745679 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 4745679 by changing the saturation by 10% instead.

■ 4745679

■ 4745679

16777215

■ 2249139

■ 8756479

■ 15256

■ 10729471

■ 9853

■ 12636927

■ 5220

■ 14610175

■ 843

■ 16580607

■ 1075

■ 541

■ 0

■ 4745679

■ 4745679

■ 3365327

■ 6126031

■ 2050767

■ 7440591

■ 670415

■ 8820943

■ 13263

■ 10201295

■ 11581391

■ 12896207

■ 14276303

■ 15656655

■ 16774863

Harmonies

Analogous

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



31444



4745679



10178993

Triad

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



4745679



11948320



34141

Complementary

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



4745679



13610568

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.



1868073



4745679



9725696

Square

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



4745679



13122383



6715136



34449

Rectangle

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



4745679



12075155



6715136



33867

Sweetspot

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



4745679



13424895



4771757



6383744



0



8421504

Same Dimension

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



4745679



3697151



6965455



6185321



10664



2601

Inverse Universe

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



13584489



16726121



11390792



6905441



11010089



2686986

Previews

White Background



This preview shows how the Decimal color 4745679 looks on a white background.

Color Contrast Check

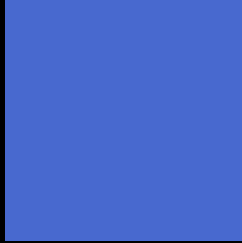
Large Text (above 18pt) WCAG AA ✓ Pass

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 4745679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

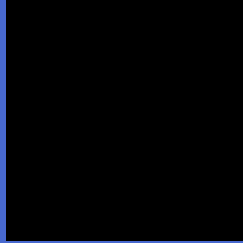
Any Text WCAG AA × Fail

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 4745679 Background



This preview shows how black text looks on a background with the Decimal color 4745679.



This preview shows how white text looks on a background with the Decimal color 4745679.

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](#).

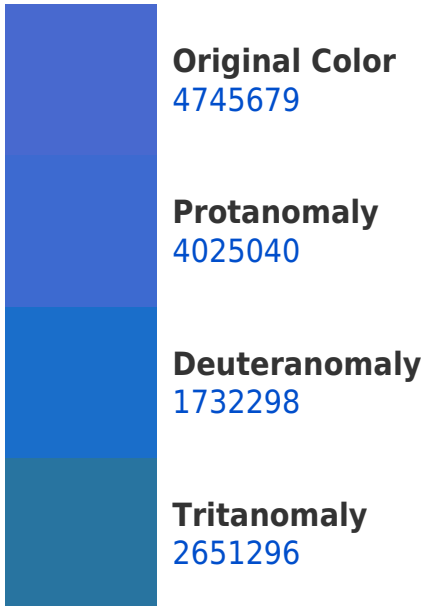
Dichromacy





Tritanopia
1473413

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4745679 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 #4869CF looks like.

```
.text, #text, p{
  color:#4869CF
}
```

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 #4869CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4869CF
}
```

Border

The CSS property to change the border of an element to Decimal 4745679 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
#4869CF }
```

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

```
.border{ border-color:#4869CF }
```

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

Here you see how a box with a 4 pixel #4869CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4869CF; -webkit-box-shadow:4px 4px  
4px 4px #4869CF; box-shadow:4px 4px 4px  
4px #4869CF }
```

Background

The CSS property to change the background color of an element to Decimal 4745679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4869CF }
```

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

```
.background{ background-color:#4869CF }
```

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