

Converting Colors

Decimal(4417519)

Have a look what the booklet for
Decimal(4417519) contains.

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Color

Decimal(4417519)

Conversions

Conversions Part 1

Format	Color
Hex	4367EF
RGB	67, 103, 239
RGB Percent	26%, 40%, 94%
CMY	0.7373, 0.5961, 0.0627
CMYK	0.72, 0.57, 0.00, 0.06
HSL	227°, 84%, 60%
HSV	227°, 72%, 94%
XYZ	22.7450, 17.1258, 83.7682
YIQ	107.7400, -65.1120, 34.6640

Conversions

Conversions Part 2

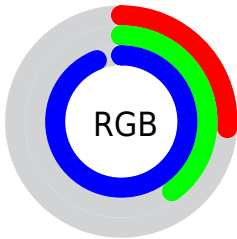
Format	Color
R _Y B	67, 97, 239
Decimal	4417519
CIE Lab	48.42, 32.76, -72.20
CIE LCh	48, 79.279, 294.406
Yxy	17.1258, 0.1840, 0.1385
Android (android.graphics.Color)	4282607599 (0xFF4367EF)
YUV	107.7400, 64.7112, -35.7290
Hunter-Lab	41.3833, 25.6859, -91.0466

Details

The Decimal color **4417519** 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 **15715139**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8952575**, and **14774** is the 20% darker color. If you saturate the color by 10%, you get **2839791**, and if you desaturate by 10%, it is **5995247**.

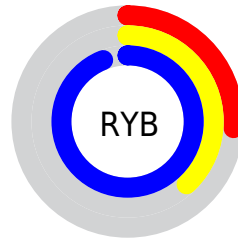
Distribution



Red (26%)

Green (40%)

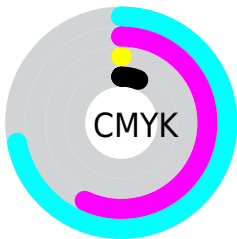
Blue (94%)



Red (26%)

Yellow (38%)

Blue (94%)

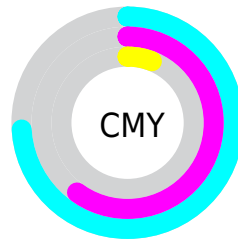


Cyan (72%)

Magenta (57%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (60%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4417519 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 4417519 by changing the saturation by 10% instead.

■ 4417519

■ 4417519

16777215

■ 348114

■ 8952575

■ 14774

■ 10990847

■ 9626

■ 13029631

■ 4991

■ 15068415

■ 102

■ 2380

■ 1333

■ 543

■ 1

■ 4417519

■ 4417519

■ 2839791

■ 5995247

■ 1262063

■ 7572975

■ 13039

■ 9150703

■ 10728431

■ 12240367

■ 13818095

■ 15395823

■ 16776943

■ 16777199

Harmonies

Analogous

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



33018



4417519



11878082

Triad

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



4417519



12995584



36452

Complementary

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



4417519



15715139

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.



35095



4417519



9923584

Square

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



4417519



14817089



5734144



36777

Rectangle

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



4417519



14030233



5734144



36172

Sweetspot

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



4417519



13095935



4452298



6186368



0



8421504

Same Dimension

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



4417519



2380543



7619567



7106168



9912



3128

Inverse Universe

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



15680359



16720978



12513091



7892078



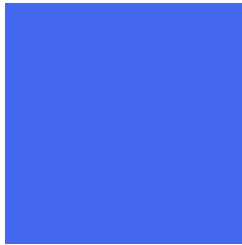
12058662



3670028

Previews

White Background



This preview shows how the Decimal color 4417519 looks on a white background.

Color Contrast Check

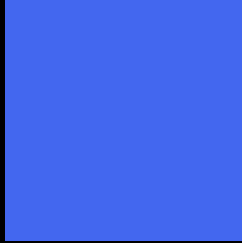
Large Text (above 18pt) WCAG AA ✓ Pass

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 4417519 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 4417519 Background



This preview shows how black text looks on a background with the Decimal color 4417519.

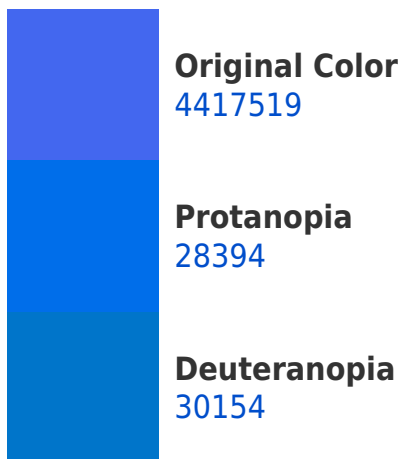


This preview shows how white text looks on a background with the Decimal color 4417519.

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](#).

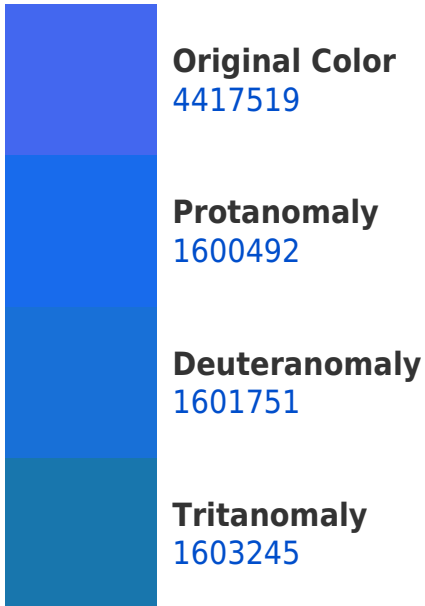
Dichromacy





Tritanopia
32648

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4417519 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 #4367EF looks like.

```
.text, #text, p{  
    color:#4367EF  
}
```

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 #4367EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4367EF  
}
```

Border

The CSS property to change the border of an element to Decimal 4417519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

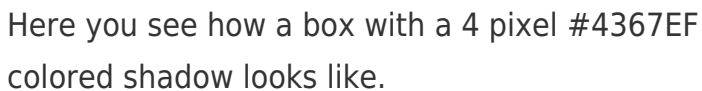
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4367EF }
```

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

```
.border{ border-color:#4367EF }
```

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



Here you see how a box with a 4 pixel #4367EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4367EF; -webkit-box-shadow:4px 4px  
4px 4px #4367EF; box-shadow:4px 4px 4px  
4px #4367EF }
```

Background

The CSS property to change the background color of an element to Decimal 4417519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4367EF }
```

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

```
.background{ background-color:#4367EF }
```

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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