

Converting Colors

Decimal(5471466)

Have a look what the booklet for
Decimal(5471466) contains.

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Color

Decimal(5471466)

Conversions

Conversions Part 1

Format	Color
Hex	537CEA
RGB	83, 124, 234
RGB Percent	33%, 49%, 92%
CMY	0.6745, 0.5137, 0.0824
CMYK	0.65, 0.47, 0.00, 0.08
HSL	224°, 78%, 62%
HSV	224°, 65%, 92%
XYZ	25.6262, 22.1948, 80.7753
YIQ	124.2810, -59.7460, 25.5180

Conversions

Conversions Part 2

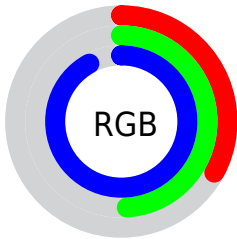
Format	Color
R _Y B	83, 115, 234
Decimal	5471466
CIE Lab	54.23, 20.28, -59.96
CIE LCh	54, 63.298, 288.689
Yxy	22.1948, 0.1993, 0.1726
Android (android.graphics.Color)	4283661546 (0xFF537CEA)
YUV	124.2810, 54.0915, -36.2034
Hunter-Lab	47.1114, 14.6501, -68.6783

Details

The Decimal color **5471466** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **15384915**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9613567**, and **19633** is the 20% darker color. If you saturate the color by 10%, you get **3959786**, and if you desaturate by 10%, it is **6983146**.

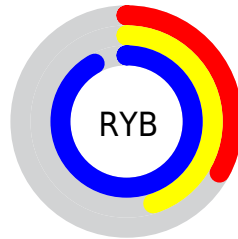
Distribution



Red (33%)

Green (49%)

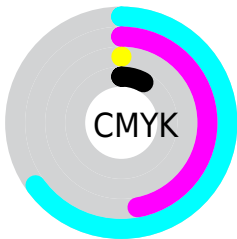
Blue (92%)



Red (33%)

Yellow (45%)

Blue (92%)

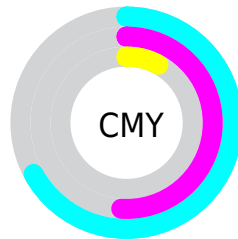


Cyan (65%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (67%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5471466 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 5471466 by changing the saturation by 10% instead.

■ 5471466

■ 5471466

16777215

■ 3040205

■ 9613567

■ 19633

■ 11586559

■ 13974

■ 13559807

■ 8828

■ 15532031

■ 3682

■ 2377

■ 1074

■ 284

■ 0

■ 5471466

■ 5471466

■ 3959786

■ 6983146

■ 2382570

■ 8560362

■ 870890

■ 10072042

■ 16618

■ 11649258

■ 13160938

■ 14672618

■ 16249834

■ 16777194

Harmonies

Analogous

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



36589



5471466



11428811

Triad

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



5471466



13721648



39530

Complementary

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



5471466



15384915

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.



3445811



5471466



11368448

Square

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



5471466



14895970



8096000



39843

Rectangle

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



5471466



13587115



8096000



39000

Sweetspot

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



5471466



13622527



5499583



6449792



0



8421504

Same Dimension

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



5471466



3895551



7623658



6974837



12725



3894

Inverse Universe

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



15356796



16726896



13232723



7694957



11862065



3538959

Previews

White Background



This preview shows how the Decimal color 5471466 looks on a white background.

Color Contrast Check

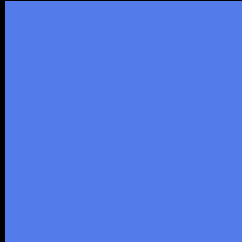
Large Text (above 18pt) WCAG AA ✓ Pass

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 5471466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

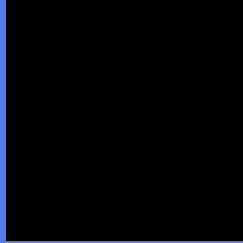
Any Text WCAG AA ✓ Pass

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 5471466 Background



This preview shows how black text looks on a background with the Decimal color 5471466.

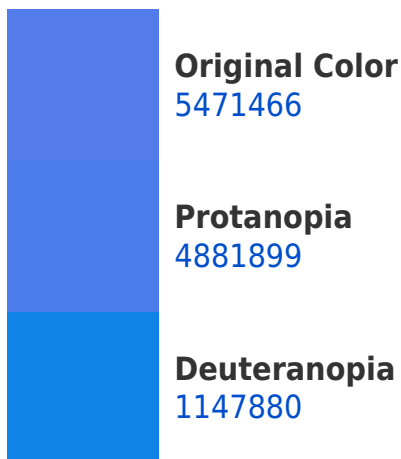


This preview shows how white text looks on a background with the Decimal color 5471466.

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 5471466 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 #537CEA looks like.

```
.text, #text, p{  
    color:#537CEA  
}
```

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 #537CEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537CEA
}
```

Border

The CSS property to change the border of an element to Decimal 5471466 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
#537CEA }
```

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

```
.border{ border-color:#537CEA }
```

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

Here you see how a box with a 4 pixel #537CEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537CEA; -webkit-box-shadow:4px 4px  
4px 4px #537CEA; box-shadow:4px 4px 4px  
4px #537CEA }
```

Background

The CSS property to change the background color of an element to Decimal 5471466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537CEA }
```

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

```
.background{ background-color:#537CEA }
```

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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