

Converting Colors

Decimal(4677829)

Have a look what the booklet for
Decimal(4677829) contains.

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Color

Decimal(4677829)

Conversions

Conversions Part 1

Format	Color
Hex	4760C5
RGB	71, 96, 197
RGB Percent	28%, 38%, 77%
CMY	0.7216, 0.6235, 0.2275
CMYK	0.64, 0.51, 0.00, 0.23
HSL	228°, 52%, 53%
HSV	228°, 64%, 77%
XYZ	16.8594, 13.7366, 54.5862
YIQ	100.0390, -47.3210, 26.1110

Conversions

Conversions Part 2

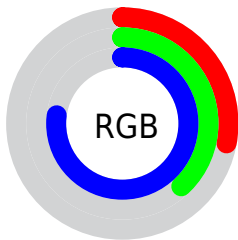
Format	Color
R_{YB}	71, 92, 197
Decimal	4677829
CIE _{Lab}	43.85, 22.95, -55.69
CIE _{LCh}	44, 60.229, 292.397
Yxy	13.7366, 0.1979, 0.1613
Android (android.graphics.Color)	4282867909 (0xFF4760C5)
YUV	100.0390, 47.8018, -25.4672
Hunter-Lab	37.0629, 16.3375, -61.3783

Details

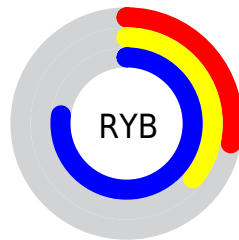
The Decimal color **4677829** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **12954695**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8622846**, and **13198** is the 20% darker color. If you saturate the color by 10%, you get **3363013**, and if you desaturate by 10%, it is **5992645**.

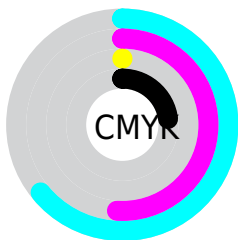
Distribution



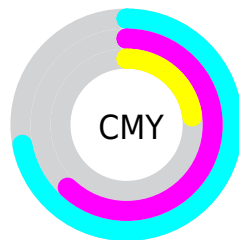
- Red (28%)
- Green (38%)
- Blue (77%)



- Red (28%)
- Yellow (36%)
- Blue (77%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (23%)



- Cyan (72%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4677829 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 4677829 by changing the saturation by 10% instead.

■ 4677829

■ 4677829

16777215

■ 2312617

■ 8622846

■ 13198

■ 10530303

■ 7796

■ 12503295

■ 2395

■ 14411007

■ 1858

■ 16383999

■ 811

■ 278

■ 0

■ 4677829

■ 4677829

■ 3363013

■ 5992645

■ 2113733

■ 7241925

■ 799173

■ 8556485

■ 10181

■ 9871301

■ 11186117

■ 12435397

■ 13750213

■ 15064773

■ 16314053

Harmonies

Analogous

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



29387



4677829



9848741

Triad

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



4677829



11225877



32089

Complementary

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



4677829



12954695

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.



31013



4677829



8937728

Square

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



4677829



12464965



5926912



32396

Rectangle

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



4677829



11613831



5926912



31815

Sweetspot

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



4677829



13621503



4703660



6449280



0



8421504

Same Dimension

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



4677829



3891967



7161797



5921635



8355



1828

Inverse Universe

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



12928864



16726882



10470727



6511195



10682400



2359303

Previews

White Background



This preview shows how the Decimal color 4677829 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 4677829 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 4677829 Background



This preview shows how black text looks on a background with the Decimal color 4677829.




This preview shows how white text looks on a background with the Decimal color 4677829.

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](#).

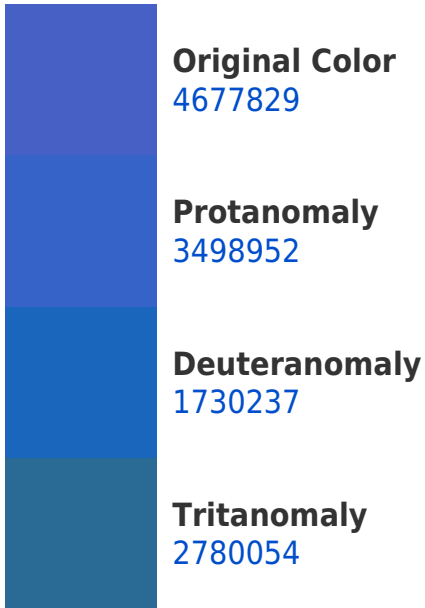
Dichromacy





Tritanopia
1733243

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4677829 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 #4760C5 looks like.

```
.text, #text, p{  
    color:#4760C5  
}
```

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 #4760C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4760C5
}
```

Border

The CSS property to change the border of an element to Decimal 4677829 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
#4760C5 }
```

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

```
.border{ border-color:#4760C5 }
```

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

Here you see how a box with a 4 pixel #4760C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4760C5; -webkit-box-shadow:4px 4px  
4px 4px #4760C5; box-shadow:4px 4px 4px  
4px #4760C5 }
```

Background

The CSS property to change the background color of an element to Decimal 4677829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4760C5 }
```

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

```
.background{ background-color:#4760C5 }
```

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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