

Converting Colors

Decimal(4680895)

Have a look what the booklet for
Decimal(4680895) contains.

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Color

Decimal(4680895)

Conversions

Conversions Part 1

Format	Color
Hex	476CBF
RGB	71, 108, 191
RGB Percent	28%, 42%, 75%
CMY	0.7216, 0.5765, 0.2510
CMYK	0.63, 0.43, 0.00, 0.25
HSL	222°, 48%, 51%
HSV	222°, 63%, 75%
XYZ	17.3651, 15.8263, 51.4298
YIQ	106.3990, -48.6950, 17.9690

Conversions

Conversions Part 2

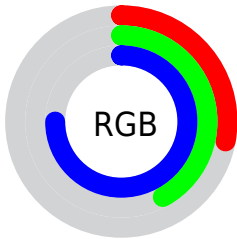
Format	Color
R_{YB}	71, 99, 191
Decimal	4680895
CIE _{Lab}	46.75, 13.26, -47.57
CIE _{LCh}	47, 49.388, 285.573
Yxy	15.8263, 0.2052, 0.1870
Android (android.graphics.Color)	4282870975 (0xFF476CBF)
YUV	106.3990, 41.7083, -31.0449
Hunter-Lab	39.7823, 8.2967, -48.8013

Details

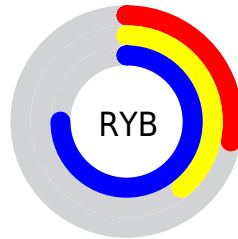
The Decimal color **4680895** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **12556871**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8560632**, and **15753** is the 20% darker color. If you saturate the color by 10%, you get **3432383**, and if you desaturate by 10%, it is **5929407**.

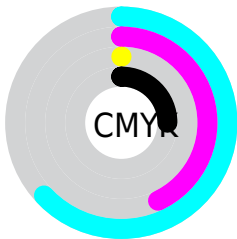
Distribution



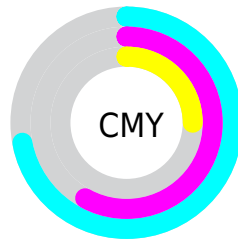
- Red (28%)
- Green (42%)
- Blue (75%)



- Red (28%)
- Yellow (39%)
- Blue (75%)



- Cyan (63%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4680895 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 4680895 by changing the saturation by 10% instead.



4680895



4680895

16777215



2446500



8560632



15753



10468095



10351



12375551



5462



14283519



1598



16252927



807



273



0



4680895



4680895

■ 3432383

■ 5929407

■ 2183871

■ 7177919

■ 935103

■ 8426687

■ 15295

■ 9675199

■ 10989247

■ 12237759

■ 13486271

■ 14735039

■ 15983551

Harmonies

Analogous

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



31167



4680895



9198249

Triad

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



4680895



11490613



33113

Complementary

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



4680895



12556871

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.



4160561



4680895



9791000

Square

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



4680895



12208219



7369492



33668

Rectangle

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



4680895



10964882



7369492



32843

Sweetspot

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



4680895



13162487



4702105



6318461



16579836



8224125

Same Dimension

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



4680895



4093943



6113215



5593182



12702



2335

Inverse Universe

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



12535660



16203383



11124551



6182232



10354737



2031625

Previews

White Background



This preview shows how the Decimal color 4680895 looks on a white background.

Color Contrast Check

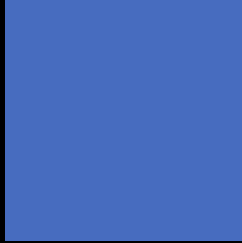
Large Text (above 18pt) WCAG AA ✓ Pass

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 4680895 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 4680895 Background



This preview shows how black text looks on a background with the Decimal color 4680895.

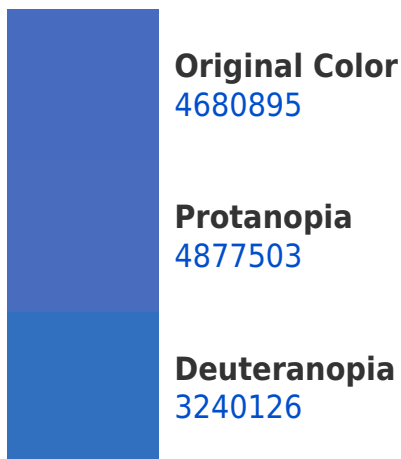



This preview shows how white text looks on a background with the Decimal color 4680895.

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](#).

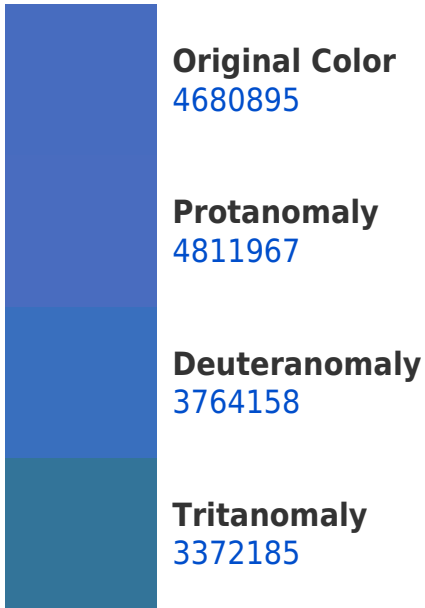
Dichromacy





Tritanopia
2587011

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4680895 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 #476CBF looks like.

```
.text, #text, p{  
    color:#476CBF  
}
```

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 #476CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476CBF
}
```

Border

The CSS property to change the border of an element to Decimal 4680895 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
#476CBF }
```

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

```
.border{ border-color:#476CBF }
```

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

Here you see how a box with a 4 pixel #476CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476CBF; -webkit-box-shadow:4px 4px  
4px 4px #476CBF; box-shadow:4px 4px 4px  
4px #476CBF }
```

Background

The CSS property to change the background color of an element to Decimal 4680895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476CBF }
```

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

```
.background{ background-color:#476CBF }
```

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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