

Converting Colors

Decimal(4676493)

Have a look what the booklet for
Decimal(4676493) contains.

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Color

Decimal(4676493)

Conversions

Conversions Part 1

Format	Color
Hex	475B8D
RGB	71, 91, 141
RGB Percent	28%, 36%, 55%
CMY	0.7216, 0.6431, 0.4471
CMYK	0.50, 0.35, 0.00, 0.45
HSL	223°, 33%, 42%
HSV	223°, 50%, 55%
XYZ	11.1473, 10.7449, 26.6857
YIQ	90.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

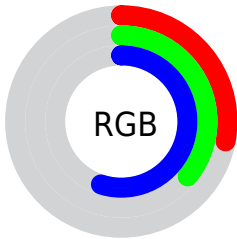
Format	Color
R_{YB}	71, 87, 141
Decimal	4676493
CIE _{Lab}	39.15, 7.04, -30.08
CIE _{LCh}	39, 30.893, 283.175
Yxy	10.7449, 0.2295, 0.2212
Android (android.graphics.Color)	4282866573 (0xFF475B8D)
YUV	90.7200, 24.7880, -17.2944
Hunter-Lab	32.7793, 3.3390, -25.3226

Details

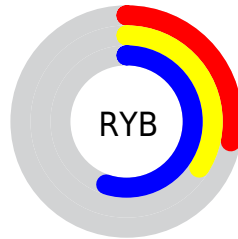
The Decimal color **4676493** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9271623**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8097219**, and **994906** is the 20% darker color. If you saturate the color by 10%, you get **3756429**, and if you desaturate by 10%, it is **5596557**.

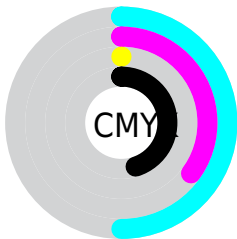
Distribution



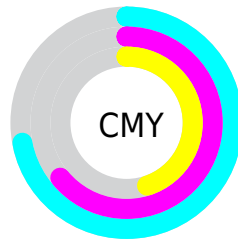
- Red (28%)
- Green (36%)
- Blue (55%)



- Red (28%)
- Yellow (34%)
- Blue (55%)



- Cyan (50%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4676493 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 4676493 by changing the saturation by 10% instead.

■ 4676493

■ 4676493

16777215

■ 2966643

■ 8097219

■ 994906

■ 9873375

■ 6467

■ 11715324

■ 300

■ 13557503

■ 279

■ 15465471

■ 0

■ 4676493

■ 4676493

■ 3756429

■ 5596557

■ 2836365

■ 6516621

■ 1916301

■ 7436685

■ 996237

■ 8356749

■ 10637

■ 9342349

■ 10381

■ 10262413

■ 11182733

■ 12102797

■ 13022861

Harmonies

Analogous

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



25484



4676493



7164289

Triad

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



4676493



8867131



2058317

Complementary

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



4676493



9271623

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.



4547894



4676493



7820844

Square

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



4676493



9193554



6381098



26983

Rectangle

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



4676493



8277107



6381098



3041093

Sweetspot

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



4676493



10265784



4689272



4935772



14408667



6052956

Same Dimension

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



4676493



4811192



5588877



4211271



10119



520

Inverse Universe

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



9258843



12077417



8359239



4669506



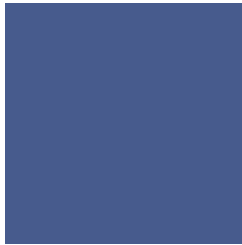
8847399



524290

Previews

White Background



This preview shows how the Decimal color 4676493 looks on a white background.

Color Contrast Check

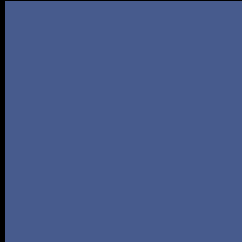
Large Text (above 18pt) WCAG AA ✓ Pass

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 4676493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

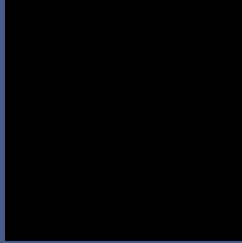
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

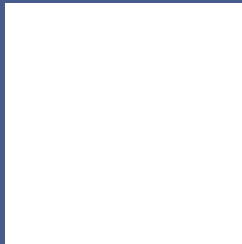
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4676493 Background



This preview shows how black text looks on a background with the Decimal color 4676493.



This preview shows how white text looks on a background with the Decimal color 4676493.

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



Original Color
4676493

Protanopia
4872844

Deuteranopia
4480141

Trichromacy



Original Color
4676493

Protanomaly
4807308

Deuteranomaly
4545677

Tritanomaly
4218743

Monochromacy



Original Color
4676493

Achromatopsia
5987163

Achromatomaly
5528429

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4676493 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 #475B8D looks like.

```
.text, #text, p{  
    color:#475B8D  
}
```

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 #475B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475B8D
}
```

Border

The CSS property to change the border of an element to Decimal 4676493 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
#475B8D }
```

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

```
.border{ border-color:#475B8D }
```

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

Here you see how a box with a 4 pixel #475B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475B8D; -webkit-box-shadow:4px 4px  
4px 4px #475B8D; box-shadow:4px 4px 4px  
4px #475B8D }
```

Background

The CSS property to change the background color of an element to Decimal 4676493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475B8D }
```

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

```
.background{ background-color:#475B8D }
```

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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