

Converting Colors

Decimal(4676223)

Have a look what the booklet for
Decimal(4676223) contains.

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Color

Decimal(4676223)

Conversions

Conversions Part 1

Format	Color
Hex	475A7F
RGB	71, 90, 127
RGB Percent	28%, 35%, 50%
CMY	0.7216, 0.6471, 0.5020
CMYK	0.44, 0.29, 0.00, 0.50
HSL	220°, 28%, 39%
HSV	220°, 44%, 50%
XYZ	10.0855, 10.1842, 21.5129
YIQ	88.5370, -23.2010, 7.4790

Conversions

Conversions Part 2

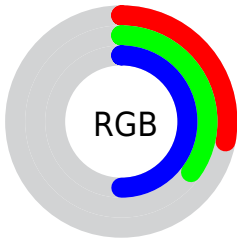
Format	Color
R_{YB}	71, 85, 127
Decimal	4676223
CIE Lab	38.17, 3.22, -23.09
CIE LCh	38, 23.311, 277.933
Yxy	10.1842, 0.2414, 0.2437
Android (android.graphics.Color)	4282866303 (0xFF475A7F)
YUV	88.5370, 18.9623, -15.3799
Hunter-Lab	31.9127, 0.5645, -17.6294

Details

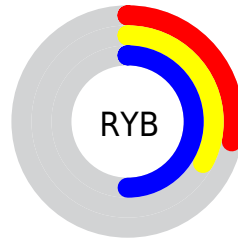
The Decimal color **4676223** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8350791**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **8031412**, and **1387854** is the 20% darker color. If you saturate the color by 10%, you get **3822207**, and if you desaturate by 10%, it is **5530239**.

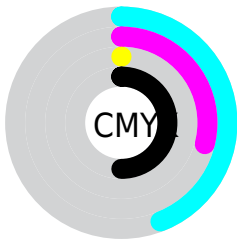
Distribution



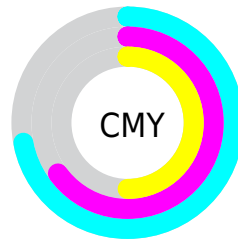
- Red (28%)
- Green (35%)
- Blue (50%)



- Red (28%)
- Yellow (33%)
- Blue (50%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)
- Black (50%)



- Cyan (72%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4676223 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 4676223 by changing the saturation by 10% instead.

■ 4676223

■ 4676223

16777215

■ 3031910

■ 8031412

■ 1387854

■ 9742032

■ 6199

■ 11583980

■ 545

■ 13426175

■ 7

■ 15268607

■ 0

■ 4676223

■ 4676223

■ 3822207

■ 5530239

■ 3033471

■ 6318975

■ 2179455

■ 7172991

■ 1325183

■ 8027263

■ 471167

■ 8815743

■ 11135

■ 9669759

■ 10524031

■ 11378047

■ 12166783

Harmonies

Analogous

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



2580604



4676223



6509432

Triad

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



4676223



8212036



3564363

Complementary

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



4676223



8350791

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.



5070907



4676223



7492663

Square

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



4676223



8276821



6380084



1860702

Rectangle

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



4676223



7360366



6380084



4088389

Sweetspot

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



4676223



9476262



4685675



4672340



13948116



5526612

Same Dimension

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



4676223



5139622



5195647



3750976



11136



0

Inverse Universe

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



8341338



10899052



7831367



4208956



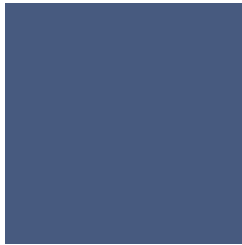
8388651



0

Previews

White Background



This preview shows how the Decimal color 4676223 looks on a white background.

Color Contrast Check

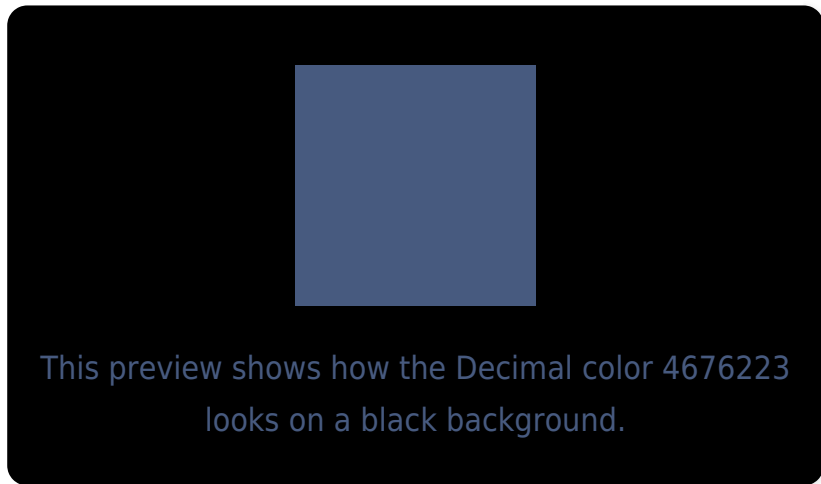
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4676223 Background



This preview shows how black text looks on a background with the Decimal color 4676223.

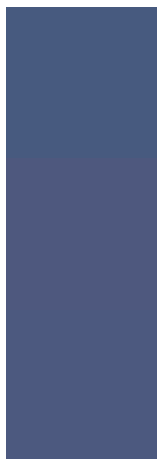


This preview shows how white text looks on a background with the Decimal color 4676223.

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


4676223

Protanopia

5134462

Deuteranopia

5003647



Tritanopia
4218726

Trichromacy



Original Color

4676223

Protanomaly

4938110

Deuteranomaly

4872575

Tritanomaly

4414831

Monochromacy



Original Color

4676223

Achromatopsia

5855577

Achromatomaly

5396839

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4676223 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 #475A7F looks like.

```
.text, #text, p{  
    color:#475A7F  
}
```

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 #475A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475A7F
}
```

Border

The CSS property to change the border of an element to Decimal 4676223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

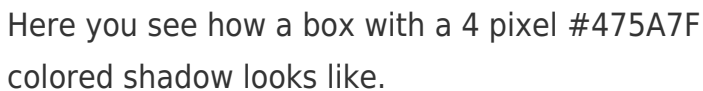
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#475A7F }
```

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

```
.border{ border-color:#475A7F }
```

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



Here you see how a box with a 4 pixel #475A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475A7F; -webkit-box-shadow:4px 4px  
4px 4px #475A7F; box-shadow:4px 4px 4px  
4px #475A7F }
```

Background

The CSS property to change the background color of an element to Decimal 4676223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475A7F }
```

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

```
.background{ background-color:#475A7F }
```

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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