

Converting Colors

Decimal(4680242)

Have a look what the booklet for
Decimal(4680242) contains.

Decimal(4680242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4680242)

Conversions

Conversions Part 1

Format	Color
Hex	476A32
RGB	71, 106, 50
RGB Percent	28%, 42%, 20%
CMY	0.7216, 0.5843, 0.8039
CMYK	0.33, 0.00, 0.53, 0.58
HSL	98°, 36%, 31%
HSV	98°, 53%, 42%
XYZ	8.3283, 11.8780, 4.8713
YIQ	89.1510, -2.8840, -24.8360

Conversions

Conversions Part 2

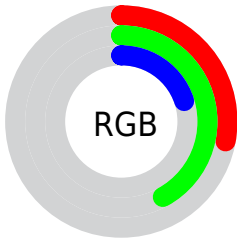
Format	Color
RYB	50, 106, 85
Decimal	4680242
CIELab	41.02, -23.70, 27.31
CIElCh	41, 36.163, 130.952
Yxy	11.8780, 0.3321, 0.4736
Android (android.graphics.Color)	4282870322 (0xFF476A32)
YUV	89.1510, -19.3014, -15.9184
Hunter-Lab	34.4644, -17.1783, 15.7448

Details

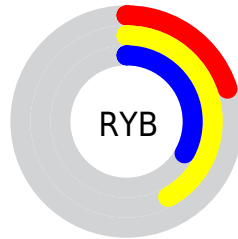
The Decimal color **4680242** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5583466**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7970402**, and **1522179** is the 20% darker color. If you saturate the color by 10%, you get **4221479**, and if you desaturate by 10%, it is **5139005**.

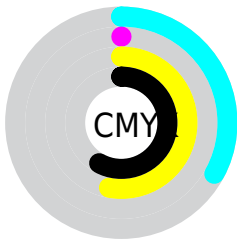
Distribution



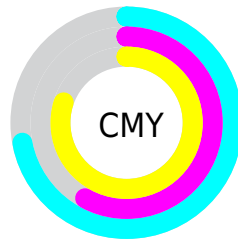
- Red (28%)
- Green (42%)
- Blue (20%)



- Red (20%)
- Yellow (42%)
- Blue (33%)



- Cyan (33%)
- Magenta (0%)
- Yellow (53%)
- Black (58%)



- Cyan (72%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4680242 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 4680242 by changing the saturation by 10% instead.



4680242



4680242

16777215



3101211



7970402



1522179



9746811



9472



11523221



1792



13365680



0



15204300



16777192



4680242



4680242



4221479



5139005

■ 3828253

■ 5532231

■ 3369490

■ 5990994

■ 2976264

■ 6449756

■ 2648576

■ 6842983

■ 7301746

■ 7694972

■ 8153735

■ 8612497

Harmonies

Analogous

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



6775587



4680242



1338956

Triad

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



4680242



27032



9979735

Complementary

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



4680242



5583466

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.



9259637



4680242



4284571

Square

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



4680242



28295



7427470



9653563

Rectangle

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



4680242



28513



7427470



9848673

Sweetspot

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



4680242



8161908



6968626



4015416



12895428



4539717

Same Dimension

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



4680242



5474867



3303993



3290672



2913536



6092032

Inverse Universe

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



5583466



6894474



6959715



3420214



4784245



10027253

Previews

White Background



This preview shows how the Decimal color 4680242 looks on a white background.

Color Contrast Check

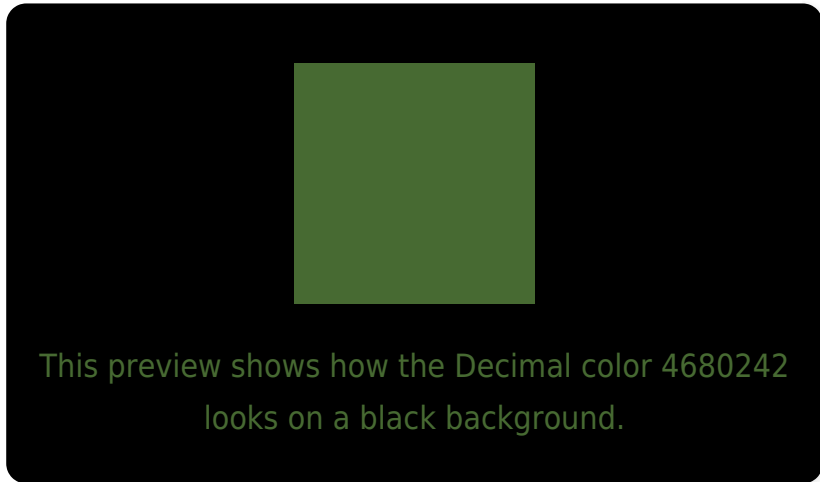
Large Text (above 18pt) WCAG AA ✓ Pass

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

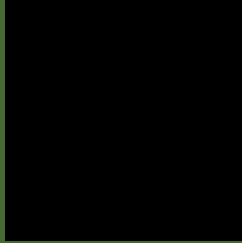
Any Text WCAG AA × Fail

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 4680242 Background



This preview shows how black text looks on a background with the Decimal color 4680242.



This preview shows how white text looks on a background with the Decimal color 4680242.

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
4680242

Protanopia
7037231

Deuteranopia
7756854

Trichromacy



Original Color
4680242

Protanomaly
6186032

Deuteranomaly
6644021

Tritanomaly
5072471

Monochromacy



Original Color
4680242

Achromatopsia
5855577

Achromatomaly
5398347

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4680242 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 #476A32 looks like.

```
.text, #text, p{  
    color:#476A32  
}
```

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 #476A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476A32
}
```

Border

The CSS property to change the border of an element to Decimal 4680242 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
#476A32 }
```

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

```
.border{ border-color:#476A32 }
```

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

Here you see how a box with a 4 pixel #476A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476A32; -webkit-box-shadow:4px 4px  
4px 4px #476A32; box-shadow:4px 4px 4px  
4px #476A32 }
```

Background

The CSS property to change the background color of an element to Decimal 4680242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476A32 }
```

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

```
.background{ background-color:#476A32 }
```

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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