

Converting Colors

Decimal(4678962)

Have a look what the booklet for
Decimal(4678962) contains.

Decimal(4678962)	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(4678962)

Conversions

Conversions Part 1

Format	Color
Hex	476532
RGB	71, 101, 50
RGB Percent	28%, 40%, 20%
CMY	0.7216, 0.6039, 0.8039
CMYK	0.30, 0.00, 0.50, 0.60
HSL	95°, 34%, 30%
HSV	95°, 50%, 40%
XYZ	7.8279, 10.8772, 4.7046
YIQ	86.2160, -1.5090, -22.2210

Conversions

Conversions Part 2

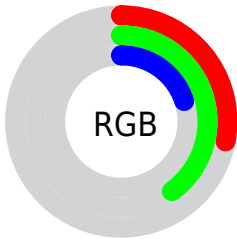
Format	Color
RYB	50, 101, 80
Decimal	4678962
CIELab	39.37, -21.14, 25.29
CIELCh	39, 32.960, 129.887
Yxy	10.8772, 0.3344, 0.4646
Android (android.graphics.Color)	4282869042 (0xFF476532)
YUV	86.2160, -17.8545, -13.3444
Hunter-Lab	32.9807, -15.3493, 14.6290

Details

The Decimal color **4678962** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5255781**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **7968866**, and **1586692** is the 20% darker color. If you saturate the color by 10%, you get **4285736**, and if you desaturate by 10%, it is **5072188**.

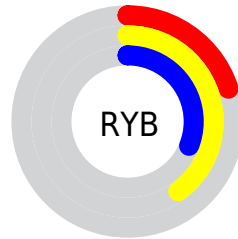
Distribution



Red (28%)

Green (40%)

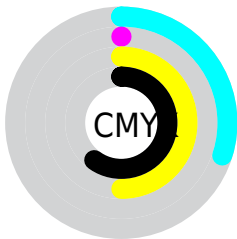
Blue (20%)



Red (20%)

Yellow (40%)

Blue (31%)

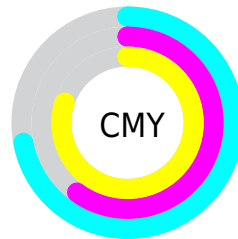


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4678962 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 4678962 by changing the saturation by 10% instead.



4678962



4678962

16777215



3099932



7968866



1586692



9679739



8448



11456405



0



13298608



15138763



16777191



4678962



4678962



4285736



5072188

■ 3892510

■ 5465414

■ 3499284

■ 5858640

■ 3106058

■ 6251866

■ 2778368

■ 6645093

■ 7038319

■ 7431545

■ 7824771

■ 8152461

Harmonies

Analogous

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



6577702



4678962



1993033

Triad

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



4678962



25999



9389653

Complementary

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



4678962



5255781

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.



8735088



4678962



4152721

Square

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



4678962



27006



6967942



9128764

Rectangle

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



4678962



27228



6967942



9258590

Sweetspot

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



4678962



7832175



6639666



3883574



12763842



4342338

Same Dimension

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



4678962



5472819



3302710



3158830



3109632



6615552

Inverse Universe

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



5255781



6370178



6632033



3223091



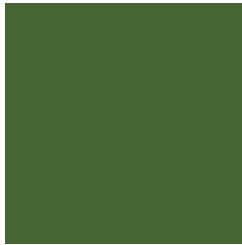
4391027



9306354

Previews

White Background



This preview shows how the Decimal color 4678962 looks on a white background.

Color Contrast Check

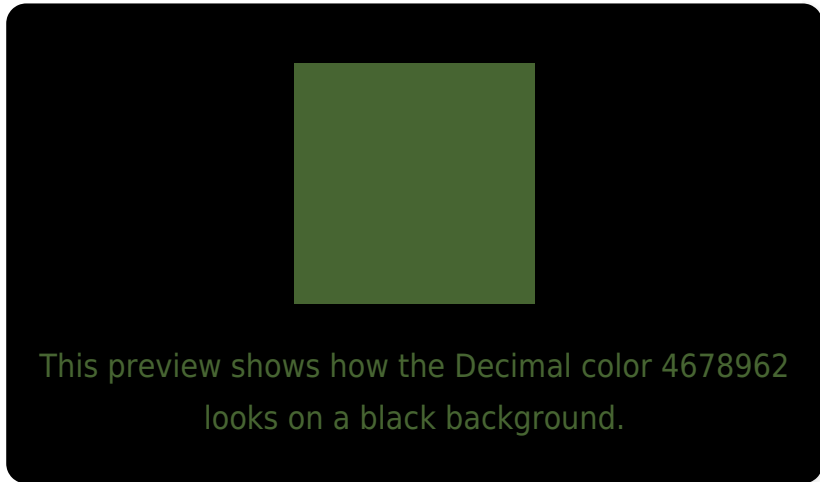
Large Text (above 18pt) WCAG AA ✓ Pass

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

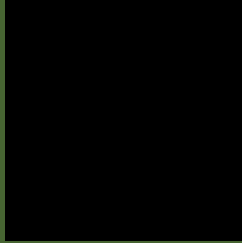
Any Text WCAG AA × Fail

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 4678962 Background



This preview shows how black text looks on a background with the Decimal color 4678962.



This preview shows how white text looks on a background with the Decimal color 4678962.

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

4678962

Protanopia

6708527

Deuteranopia

7428149

Trichromacy



Original Color
4678962

Protanomaly
5988400

Deuteranomaly
6446388

Tritanomaly
5005652

Monochromacy



Original Color
4678962

Achromatopsia
5658198

Achromatomaly
5331785

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4678962 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 #476532 looks like.

```
.text, #text, p{  
    color:#476532  
}
```

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 #476532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476532
}
```

Border

The CSS property to change the border of an element to Decimal 4678962 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
#476532 }
```

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

```
.border{ border-color:#476532 }
```

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

Here you see how a box with a 4 pixel #476532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476532; -webkit-box-shadow:4px 4px  
4px 4px #476532; box-shadow:4px 4px 4px  
4px #476532 }
```

Background

The CSS property to change the background color of an element to Decimal 4678962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476532 }
```

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

```
.background{ background-color:#476532 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor