

# Converting Colors

Decimal(4675626)

Have a look what the booklet for  
Decimal(4675626) contains.

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# Color

**Decimal(4675626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47582A
RGB	71, 88, 42
RGB Percent	28%, 35%, 16%
CMY	0.7216, 0.6549, 0.8353
CMYK	0.19, 0.00, 0.52, 0.65
HSL	82°, 35%, 25%
HSV	82°, 52%, 35%
XYZ	6.5062, 8.4862, 3.4856
YIQ	77.6730, 4.6340, -17.9100

# Conversions

## Conversions Part 2

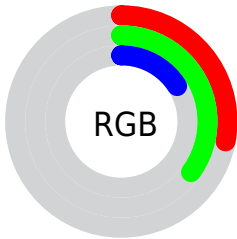
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 88, 59
Decimal	4675626
CIE <sub>Lab</sub>	34.98, -15.19, 24.38
CIE <sub>LCh</sub>	35, 28.728, 121.917
Yxy	8.4862, 0.3521, 0.4593
Android (android.graphics.Color)	4282865706 (0xFF47582A)
YUV	77.6730, -17.5868, -5.8522
Hunter-Lab	29.1311, -11.1130, 13.2976

# Details

The Decimal color **4675626** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3877464**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **7965273**, and **1780224** is the 20% darker color. If you saturate the color by 10%, you get **4479009**, and if you desaturate by 10%, it is **4872243**.

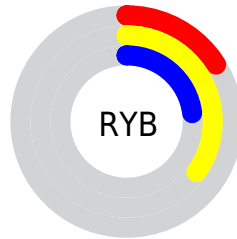
# Distribution



Red (28%)

Green (35%)

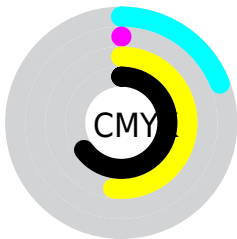
Blue (16%)



Red (16%)

Yellow (35%)

Blue (23%)

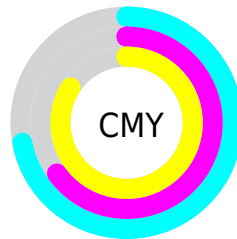


Cyan (19%)

Magenta (0%)

Yellow (52%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4675626 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 4675626 by changing the saturation by 10% instead.





4675626



4675626

16777215



3162388



7965273



1780224



9675889



6144



11386763



0



13228966



15071425



16777181



16777210



4675626



4675626

■ 4479009

■ 4872243

■ 4216856

■ 5134396

■ 4020240

■ 5331012

■ 3823623

■ 5527629

■ 3627008

■ 5724246

■ 5986399

■ 6183016

■ 6379632

■ 6576249

# Harmonies

## Analogous

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



6246691



4675626



2710588

# Triad

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



4675626



23162



8142674

# Complementary

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



4675626



3877464

# 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.



7357288



4675626



3036288

# Square

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



4675626



23914



5655673



8143419

# Rectangle

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



4675626



482891



5655673



8011865



# Sweetspot

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



4675626



7107424



5782314



3619632



12237498



3881787



# Same Dimension

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



4675626



5796650



3168298



2763559



4483840



9759488



# Inverse Universe

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



3877464



4532851



5384792



2697003



2621547

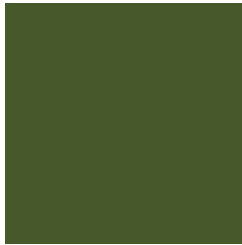


5701867



# Previews

## White Background



This preview shows how the Decimal color 4675626 looks on a white background.

## Color Contrast Check

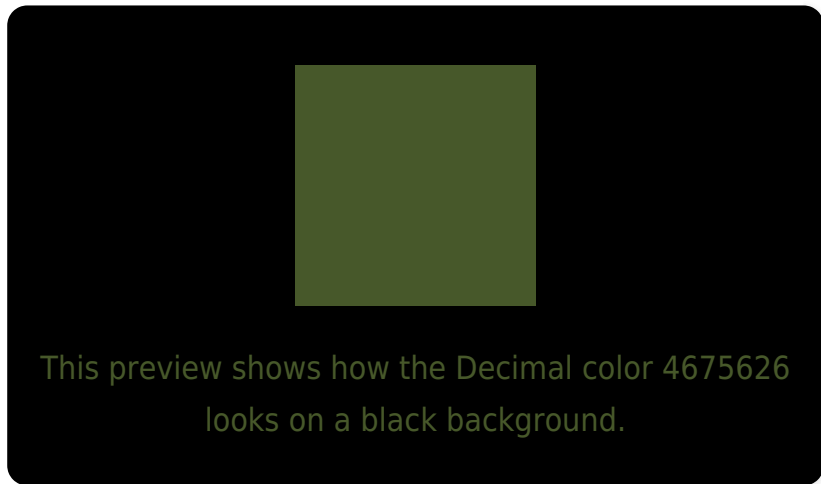
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

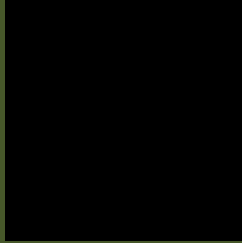
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4675626 Background



This preview shows how black text looks on a background with the Decimal color 4675626.



This preview shows how white text looks on a background with the Decimal color 4675626.

# 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**  
4675626

**Protanopia**  
5984808

**Deuteranopia**  
6573613



**Tritanopia**  
5067609

# Trichromacy



**Original Color**  
4675626

**Protanomaly**  
5526569

**Deuteranomaly**  
5853740

**Tritanomaly**  
4937032

# Monochromacy



**Original Color**  
4675626

**Achromatopsia**  
5131854

**Achromatomaly**  
4936257

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4675626 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 #47582A looks like.

```
.text, #text, p{  
    color:#47582A  
}
```

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 #47582A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47582A
}
```

## Border

The CSS property to change the border of an element to Decimal 4675626 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".

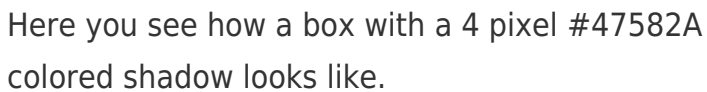
```
.border, #border, table{ border:4px solid
#47582A }
```

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

```
.border{ border-color:#47582A }
```

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

Here you see how a box with a 4 pixel #47582A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47582A; -webkit-box-shadow:4px 4px  
4px 4px #47582A; box-shadow:4px 4px 4px  
4px #47582A }
```

# Background

The CSS property to change the background color of an element to Decimal 4675626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47582A }
```

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

```
.background{ background-color:#47582A }
```

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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