

Converting Colors

Decimal(4676375)

Have a look what the booklet for
Decimal(4676375) contains.

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Color

Decimal(4676375)

Conversions

Conversions Part 1

Format	Color
Hex	475B17
RGB	71, 91, 23
RGB Percent	28%, 36%, 9%
CMY	0.7216, 0.6431, 0.9098
CMYK	0.22, 0.00, 0.75, 0.64
HSL	78°, 60%, 22%
HSV	78°, 75%, 36%
XYZ	6.4943, 8.8836, 2.1830
YIQ	77.2680, 9.9080, -25.3880

Conversions

Conversions Part 2

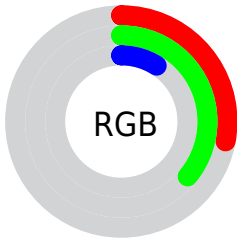
Format	Color
R_YB	23, 91, 43
Decimal	4676375
CIE Lab	35.76, -18.69, 34.91
CIE LCh	36, 39.596, 118.167
Yxy	8.8836, 0.3698, 0.5059
Android (android.graphics.Color)	4282866455 (0xFF475B17)
YUV	77.2680, -26.7541, -5.4970
Hunter-Lab	29.8054, -13.2663, 16.5212

Details

The Decimal color **4676375** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2824027**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8031559**, and **1584384** is the 20% darker color. If you saturate the color by 10%, you get **4479758**, and if you desaturate by 10%, it is **4872992**.

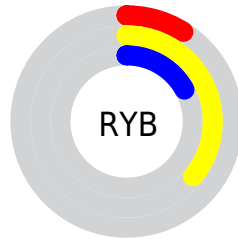
Distribution



Red (28%)

Green (36%)

Blue (9%)



Red (9%)

Yellow (36%)

Blue (17%)

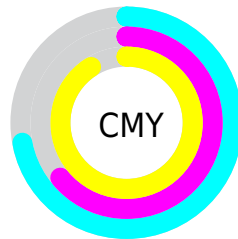


Cyan (22%)

Magenta (0%)

Yellow (75%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4676375 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 4676375 by changing the saturation by 10% instead.



4676375



4676375

16777215



3097344



8031559



1584384



9742432



6656



11518841



0



13361043



15268782



16777162



16777190



4676375



4676375

■ 4479758

■ 4872992

■ 4348677

■ 5004073

■ 4217600

■ 5200690

■ 5397307

■ 5528389

■ 5725006

■ 5921623

■ 6052704

■ 6249321

Harmonies

Analogous

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



6705678



4676375



1597745

Triad

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



4676375



24714



9123415

Complementary

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



4676375



2824027

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.



7946102



4676375



22676

Square

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



4676375



25457



5328268



9189944

Rectangle

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



4676375



25414



5328268



8861794

Sweetspot

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



4676375



7239003



5974551



3554091



12237498



3881787

Same Dimension

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



4676375



5666060



2513687



2960937



5074432



11005184

Inverse Universe

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



2824027



2821237



4986715



2828590



2097262



4587757

Previews

White Background



This preview shows how the Decimal color 4676375 looks on a white background.

Color Contrast Check

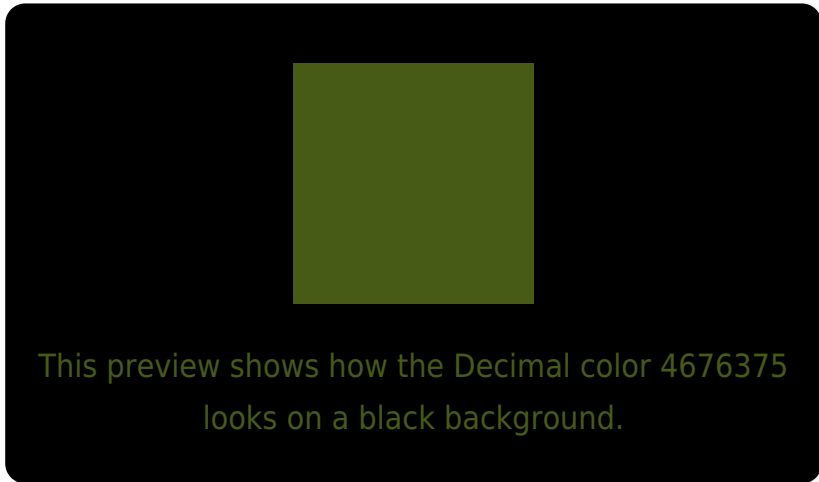
Large Text (above 18pt) WCAG AA ✓ Pass

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

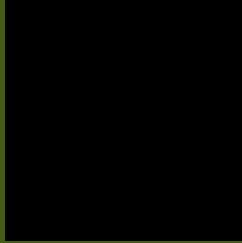
Any Text WCAG AA × Fail

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 4676375 Background



This preview shows how black text looks on a background with the Decimal color 4676375.



This preview shows how white text looks on a background with the Decimal color 4676375.

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
4676375

Protanopia
6181909

Deuteranopia
6901788



Tritanopia
5199196

Trichromacy



Original Color
4676375

Protanomaly
5658390

Deuteranomaly
6116378

Tritanomaly
5003075

Monochromacy



Original Color
4676375

Achromatopsia
5066061

Achromatomaly
4936249

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4676375 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 #475B17 looks like.

```
.text, #text, p{  
    color:#475B17  
}
```

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 #475B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475B17
}
```

Border

The CSS property to change the border of an element to Decimal 4676375 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
#475B17 }
```

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

```
.border{ border-color:#475B17 }
```

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

Here you see how a box with a 4 pixel #475B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475B17; -webkit-box-shadow:4px 4px  
4px 4px #475B17; box-shadow:4px 4px 4px  
4px #475B17 }
```

Background

The CSS property to change the background color of an element to Decimal 4676375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475B17 }
```

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

```
.background{ background-color:#475B17 }
```

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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