

# Converting Colors

Decimal(4865036)

Have a look what the booklet for  
Decimal(4865036) contains.

**Decimal(4865036)** ..... 3

***Conversions*** ..... 4

***Details*** ..... 6

***Harmonies*** ..... 11

***Previews*** ..... 23

***Color Blindness Simulation*** ..... 26

***CSS Examples*** ..... 29

# Color

**Decimal(4865036)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4A3C0C
RGB	74, 60, 12
RGB Percent	29%, 24%, 5%
CMY	0.7098, 0.7647, 0.9529
CMYK	0.00, 0.19, 0.84, 0.71
HSL	46°, 72%, 17%
HSV	46°, 84%, 29%
XYZ	4.5063, 4.7141, 1.0202
YIQ	58.7140, 23.7520, -11.9600

# Conversions

## Conversions Part 2

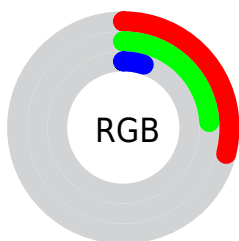
Format	Color
<a href="#">RYB</a>	<a href="#">30, 74, 12</a>
Decimal	<a href="#">4865036</a>
CIELab	<a href="#">25.90, 0.34, 30.08</a>
CIELCh	<a href="#">26, 30.086, 89.345</a>
Yxy	<a href="#">4.7141, 0.4400, 0.4603</a>
Android (android.graphics.Color)	<a href="#">4283055116</a> (0xFF4A3C0C)
YUV	<a href="#">58.7140, -23.0300, 13.4058</a>
Hunter-Lab	<a href="#">21.7120, -0.9489, 12.4124</a>

# Details

The Decimal color **4865036** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **793162**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **8219450**, and **1708544** is the 20% darker color. If you saturate the color by 10%, you get **4864517**, and if you desaturate by 10%, it is **4865555**.

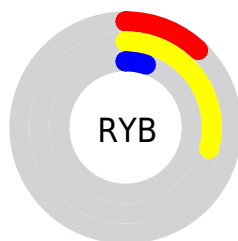
# Distribution



Red (29%)

Green (24%)

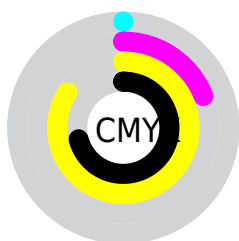
Blue (5%)



Red (12%)

Yellow (29%)

Blue (5%)

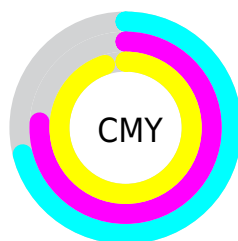


Cyan (0%)

Magenta (19%)

Yellow (84%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4865036 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 4865036 by changing the saturation by 10% instead.



 4865036

 4865036

 16777201

 3352064

 8219450

 1708544

 9995345

 0


 11771498

 13678980

 15521182

 16773561

 16777173

 4865036

 4865036

 4864517

 4865555

 4864256

 4865819

 4866338

 4866858

 4867121

 4867640

 4868160

 4868423

 4868943

# Harmonies

## Analogous

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



6042390



4865036



3359507

# Triad

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



4865036



18515



5844565

# Complementary

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



4865036



793162

# 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.



4012133



4865036



18020

# Square

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



4865036



18492



16491



6694975

# Rectangle

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



4865036



2114846



16491



5321051



# Sweetspot

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



4865036



6380361



4852762



3157282



11579568



3158064



# Same Dimension

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



4865036



6376192



3754508



2499874



6704896



15118848



# Inverse Universe

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



793162



5729



1903690



2237222



5990

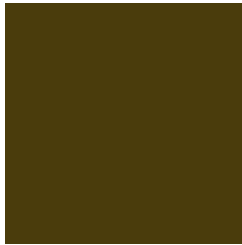


13542



# Previews

## White Background



This preview shows how the Decimal color 4865036 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



This preview shows how the Decimal color 4865036  
looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

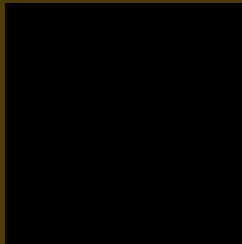
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4865036 Background



This preview shows how black text looks on a background with the Decimal color 4865036.



This preview shows how white text looks on a background with the Decimal color 4865036.

# 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](#).

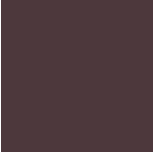
## Dichromacy



**Original Color**  
4865036

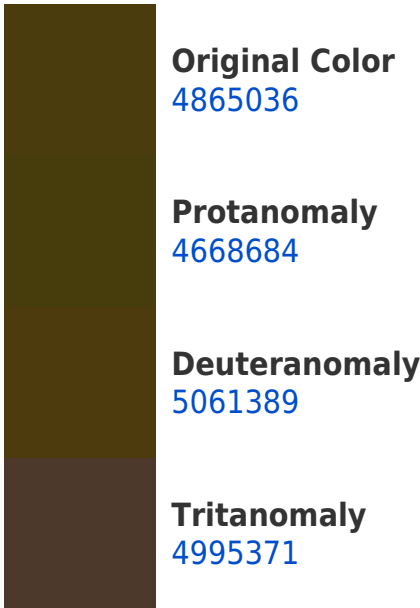
**Protanopia**  
4537868

**Deuteranopia**  
5126669

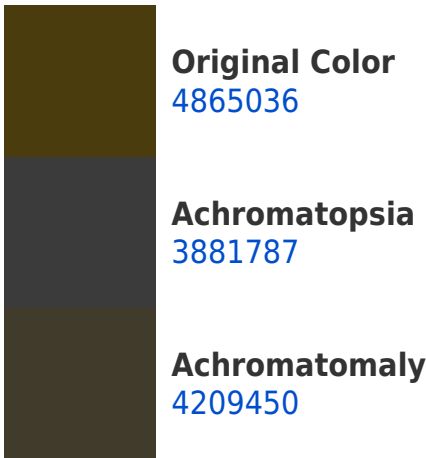


**Tritanopia**  
5060668

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4865036 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 #4A3C0C looks like.

```
.text, #text, p{  
    color:#4A3C0C  
}
```

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 #4A3C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3C0C
}
```

## Border

The CSS property to change the border of an element to Decimal 4865036 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
#4A3C0C }
```

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

```
.border{ border-color:#4A3C0C }
```

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

Here you see how a box with a 4 pixel #4A3C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3C0C; -webkit-box-shadow:4px 4px  
4px 4px #4A3C0C; box-shadow:4px 4px 4px  
4px #4A3C0C }
```

# Background

The CSS property to change the background color of an element to Decimal 4865036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3C0C }
```

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

```
.background{ background-color:#4A3C0C }
```

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