

# Converting Colors

Decimal(5007946)

Have a look what the booklet for  
Decimal(5007946) contains.

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# Color

**Decimal(5007946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6A4A
RGB	76, 106, 74
RGB Percent	30%, 42%, 29%
CMY	0.7020, 0.5843, 0.7098
CMYK	0.28, 0.00, 0.30, 0.58
HSL	116°, 18%, 35%
HSV	116°, 30%, 42%
XYZ	9.3706, 12.3390, 8.3663
YIQ	93.3820, -7.6080, -16.3120

# Conversions

## Conversions Part 2

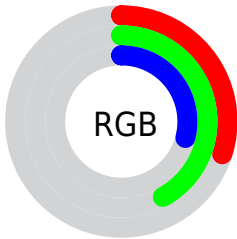
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 106, 104
Decimal	5007946
CIELab	41.75, -17.94, 14.54
CIELCh	42, 23.093, 140.971
Yxy	12.3390, 0.3116, 0.4103
Android (android.graphics.Color)	4283198026 (0xFF4C6A4A)
YUV	93.3820, -9.5553, -15.2440
Hunter-Lab	35.1269, -13.8548, 10.4674

# Details

The Decimal color **5007946** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6834794**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8297851**, and **1981214** is the 20% darker color. If you saturate the color by 10%, you get **4352575**, and if you desaturate by 10%, it is **5663317**.

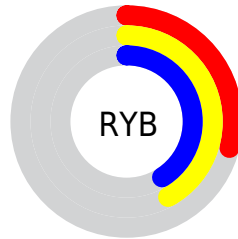
# Distribution



Red (30%)

Green (42%)

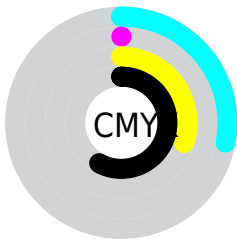
Blue (29%)



Red (29%)

Yellow (42%)

Blue (41%)

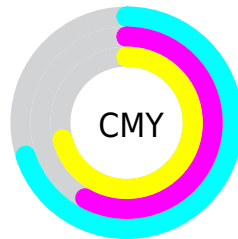


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5007946 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 5007946 by changing the saturation by 10% instead.



■ 5007946

■ 5007946

16777215

■ 3494451

■ 8297851

■ 1981214

■ 10008725

■ 599302

■ 11785391

■ 3072

■ 13627851

■ 0

■ 15466471

■ 5007946

■ 5007946

■ 4352575

■ 5663317

■ 3697205

■ 6318687

■ 3041834

■ 6974058

■ 2386464

■ 7629428

■ 1731093

■ 8284799

■ 1075722

■ 8940170

■ 485888

■ 9595540

■ 10250911

■ 10840745

# Harmonies

## Analogous

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



6448447



5007946



3501148

# Triad

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



5007946



4155016



8934742

# Complementary

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



5007946



6834794

# 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.



8672617



5007946



6119558

# Square

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



5007946



2386815



7690619



8542534

# Rectangle

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



5007946



2518377



7690619



8934492



# Sweetspot

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



5007946



8292989



6973514



4080957



12895428



4539717



# Same Dimension

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



5007946



5999192



4876888



3225136



488704



1045760



# Inverse Universe

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



6834794



8870026



6965852



3485750



7209077



15007989



# Previews

## White Background



This preview shows how the Decimal color 5007946 looks on a white background.

## Color Contrast Check

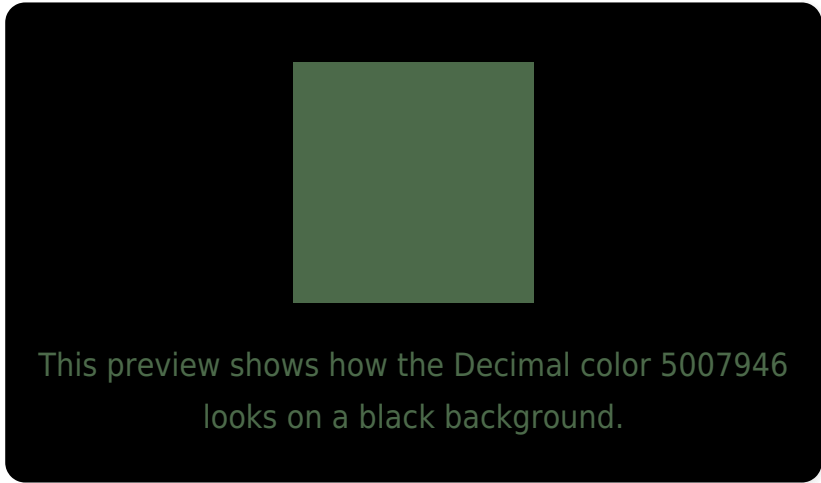
Large Text (above 18pt) WCAG AA ✓ Pass

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

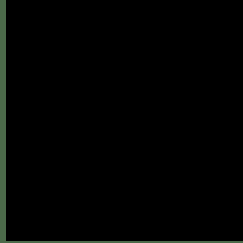
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5007946 Background



This preview shows how black text looks on a background with the Decimal color 5007946.



This preview shows how white text looks on a background with the Decimal color 5007946.

# 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**  
5007946

**Protanopia**  
6971975

**Deuteranopia**  
7560781



**Tritanopia**  
5399918

# Trichromacy



**Original Color**  
5007946

**Protanomaly**  
6251848

**Deuteranomaly**  
6644300

**Tritanomaly**  
5269345

# Monochromacy



**Original Color**  
5007946

**Achromatopsia**  
6118749

**Achromatomaly**  
5726806

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5007946 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 #4C6A4A looks like.

```
.text, #text, p{  
  color:#4C6A4A  
}
```

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 #4C6A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6A4A
}
```

## Border

The CSS property to change the border of an element to Decimal 5007946 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
#4C6A4A }
```

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

```
.border{ border-color:#4C6A4A }
```

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

Here you see how a box with a 4 pixel #4C6A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6A4A; -webkit-box-shadow:4px 4px  
4px 4px #4C6A4A; box-shadow:4px 4px 4px  
4px #4C6A4A }
```

# Background

The CSS property to change the background color of an element to Decimal 5007946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6A4A }
```

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

```
.background{ background-color:#4C6A4A }
```

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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