

# Converting Colors

Decimal(5007645)

Have a look what the booklet for  
Decimal(5007645) contains.

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**Color**

**Decimal(5007645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C691D
RGB	76, 105, 29
RGB Percent	30%, 41%, 11%
CMY	0.7020, 0.5882, 0.8863
CMYK	0.28, 0.00, 0.72, 0.59
HSL	83°, 57%, 26%
HSV	83°, 72%, 41%
XYZ	8.2538, 11.7284, 2.9912
YIQ	87.6650, 7.1120, -29.7840

# Conversions

## Conversions Part 2

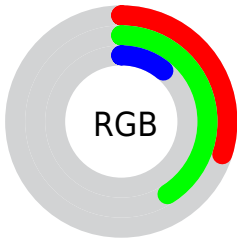
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 105, 58
Decimal	5007645
CIE <sub>Lab</sub>	40.78, -23.33, 37.55
CIE <sub>LCh</sub>	41, 44.208, 121.852
Yxy	11.7284, 0.3593, 0.5105
Android (android.graphics.Color)	4283197725 (0xFF4C691D)
YUV	87.6650, -28.9218, -10.2302
Hunter-Lab	34.2467, -16.9112, 18.7942

# Details

The Decimal color **5007645** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3808617**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **8363086**, and **1849600** is the 20% darker color. If you saturate the color by 10%, you get **4745491**, and if you desaturate by 10%, it is **5269799**.

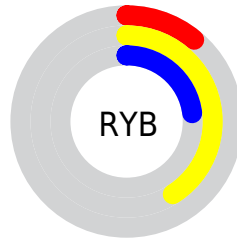
# Distribution



Red (30%)

Green (41%)

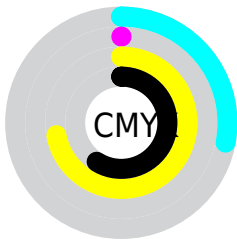
Blue (11%)



Red (11%)

Yellow (41%)

Blue (23%)

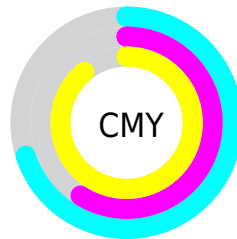


Cyan (28%)

Magenta (0%)

Yellow (72%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5007645 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 5007645 by changing the saturation by 10% instead.





5007645



5007645

16777215



3363074



8363086



1849600



10139495



9216



11981697



1280



13823899



0



15663031



16777170



16777199



5007645



5007645

■ 4745491

■ 5269799

■ 4483336

■ 5531954

■ 4286720

■ 5794108

■ 6056263

■ 6318418

■ 6580572

■ 6842726

■ 7104881

■ 7367036

# Harmonies

## Analogous

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



7429902



5007645



749372

# Triad

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



5007645



28064



10501471

# Complementary

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



5007645



3808617

# 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.



9324163



5007645



25769

# Square

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



5007645



29061



6510238



10437436

# Rectangle

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



5007645



29013



6510238



10239852



# Sweetspot

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



5007645



8292971



6895901



4080947



12895428



4539717



# Same Dimension

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



5007645



6064658



2582813



3421744



4814080



9958656



# Inverse Universe

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



3808617



4199050



6233449



3289142



2949237



6095093



# Previews

## White Background



This preview shows how the Decimal color 5007645 looks on a white background.

## Color Contrast Check

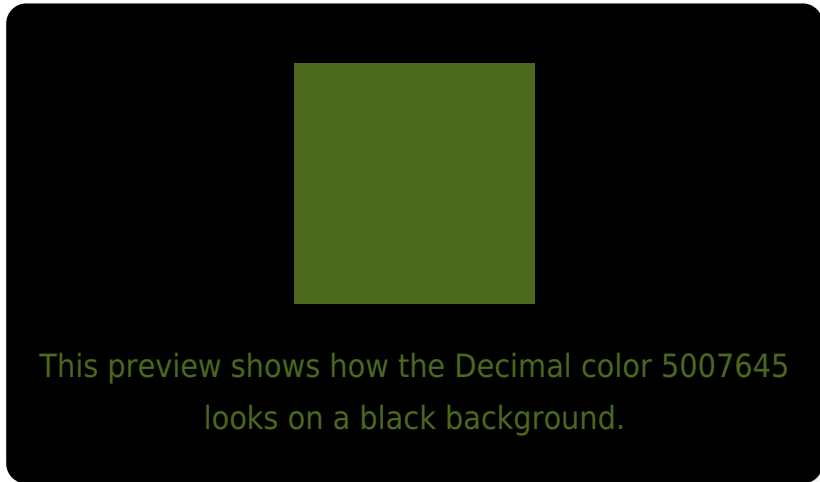
Large Text (above 18pt) WCAG AA ✓ Pass

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

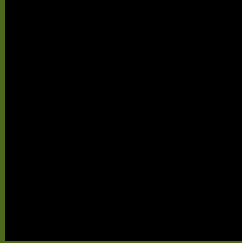
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5007645 Background



This preview shows how black text looks on a background with the Decimal color 5007645.



This preview shows how white text looks on a background with the Decimal color 5007645.

# 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**  
5007645

**Protanopia**  
7102491

**Deuteranopia**  
7887650



# Trichromacy



**Original Color**  
5007645

**Protanomaly**  
6316828

**Deuteranomaly**  
6840352

**Tritanomaly**  
5399886

# Monochromacy



**Original Color**  
5007645

**Achromatopsia**  
5789784

**Achromatomaly**  
5529155

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5007645 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 #4C691D looks like.

```
.text, #text, p{  
  color:#4C691D  
}
```

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 #4C691D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C691D
}
```

## Border

The CSS property to change the border of an element to Decimal 5007645 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
#4C691D }
```

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

```
.border{ border-color:#4C691D }
```

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

Here you see how a box with a 4 pixel #4C691D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C691D; -webkit-box-shadow:4px 4px  
4px 4px #4C691D; box-shadow:4px 4px 4px  
4px #4C691D }
```

# Background

The CSS property to change the background color of an element to Decimal 5007645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C691D }
```

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

```
.background{ background-color:#4C691D }
```

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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