

# Converting Colors

Decimal(5135872)

Have a look what the booklet for  
Decimal(5135872) contains.

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**Color**

**Decimal(5135872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5E00
RGB	78, 94, 0
RGB Percent	31%, 37%, 0%
CMY	0.6941, 0.6314, 1.0000
CMYK	0.17, 0.00, 1.00, 0.63
HSL	70°, 100%, 18%
HSV	70°, 100%, 37%
XYZ	7.1446, 9.6251, 1.4813
YIQ	78.5000, 20.6380, -32.6260

# Conversions

## Conversions Part 2

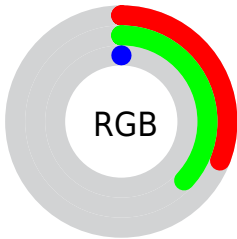
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 94, 16</a>
Decimal	<a href="#">5135872</a>
CIELab	<a href="#">37.16, -18.13, 43.91</a>
CIELCh	<a href="#">37, 47.506, 112.429</a>
Yxy	<a href="#">9.6251, 0.3915, 0.5274</a>
Android (android.graphics.Color)	<a href="#">4283325952 (0xFF4E5E00)</a>
YUV	<a href="#">78.5000, -38.7005, -0.4385</a>
Hunter-Lab	<a href="#">31.0244, -13.1859, 18.8862</a>

# Details

The Decimal color **5135872** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1048670**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **8556600**, and **1912832** is the 20% darker color. If you saturate the color by 10%, you get **5135872**, and if you desaturate by 10%, it is **5266953**.

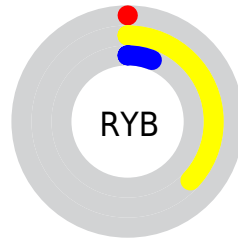
# Distribution



Red (31%)

Green (37%)

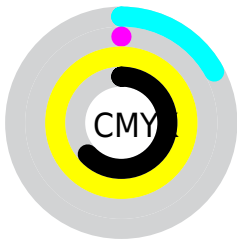
Blue (0%)



Red (0%)

Yellow (37%)

Blue (6%)

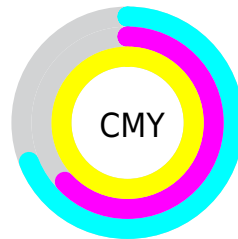


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5135872 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 5135872 by changing the saturation by 10% instead.



 5135872

 5135872

 16777205


 3556864

 8556600

 1912832

 10333009

 7168

 12174955

 0

 14017157

 15925152

 16777148

 16777176

 5135872

■ 5266953

■ 5332499

■ 5463580

■ 5529126

■ 5660207

■ 5791288

■ 5856834

■ 5987915

■ 6053461

# Harmonies

## Analogous

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



7492096



5135872



1533221

# Triad

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



5135872



26260



9908579

# Complementary

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



5135872



1048670

# 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.



8142983



5135872



24484

# Square

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



5135872



26996



4411807



10171197

# Rectangle

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



5135872



26687



4411807



9450863



# Sweetspot

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



5135872



7633494



6164480



3751207



12434877



4013373



# Same Dimension

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



5135872



6715904



2055680



2960937



5991936



12971264



# Inverse Universe

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



1048670



1376378



4128862



2763054



1245294



2621677



# Previews

## White Background



This preview shows how the Decimal color 5135872 looks on a white background.

## Color Contrast Check

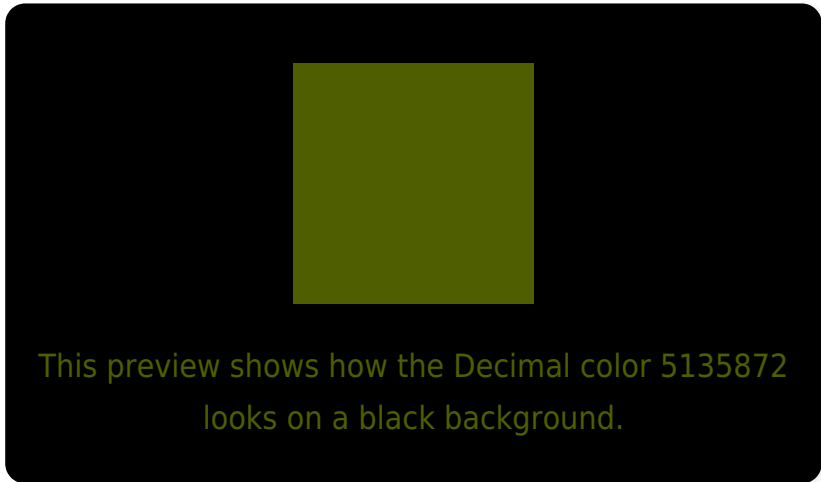
Large Text (above 18pt) WCAG AA ✓ Pass

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

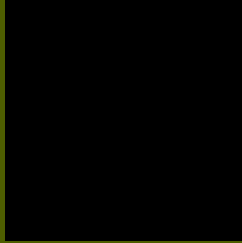
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5135872 Background



This preview shows how black text looks on a background with the Decimal color 5135872.



This preview shows how white text looks on a background with the Decimal color 5135872.

# 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**  
5135872

**Protanopia**  
6510592

**Deuteranopia**  
7230225



# Trichromacy



**Original Color**  
5135872

**Protanomaly**  
5986816

**Deuteranomaly**  
6444811

**Tritanomaly**  
5462588

# Monochromacy



**Original Color**  
5135872

**Achromatopsia**  
5197647

**Achromatomaly**  
5198898

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5135872 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 #4E5E00 looks like.

```
.text, #text, p{  
    color:#4E5E00  
}
```

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 #4E5E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5E00
}
```

## Border

The CSS property to change the border of an element to Decimal 5135872 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
#4E5E00 }
```

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

```
.border{ border-color:#4E5E00 }
```

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

Here you see how a box with a 4 pixel #4E5E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5E00; -webkit-box-shadow:4px 4px  
4px 4px #4E5E00; box-shadow:4px 4px 4px  
4px #4E5E00 }
```

# Background

The CSS property to change the background color of an element to Decimal 5135872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5E00 }
```

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

```
.background{ background-color:#4E5E00 }
```

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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