

# Converting Colors

Decimal(5059840)

Have a look what the booklet for  
Decimal(5059840) contains.

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**Color**

**Decimal(5059840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D3500
RGB	77, 53, 0
RGB Percent	30%, 21%, 0%
CMY	0.6980, 0.7922, 1.0000
CMYK	0.00, 0.31, 1.00, 0.70
HSL	41°, 100%, 15%
HSV	41°, 100%, 30%
XYZ	4.3337, 4.1240, 0.5676
YIQ	54.1340, 31.3170, -11.3950

# Conversions

## Conversions Part 2

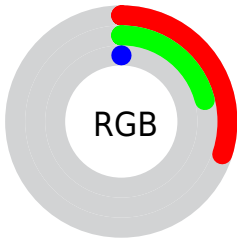
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 77, 0
Decimal	5059840
CIELab	24.08, 5.88, 33.39
CIElCh	24, 33.907, 80.016
Yxy	4.1240, 0.4802, 0.4569
Android (android.graphics.Color)	4283249920 (0xFF4D3500)
YUV	54.1340, -26.6881, 20.0535
Hunter-Lab	20.3076, 2.5538, 12.5582

# Details

The Decimal color **5059840** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6221**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **8479536**, and **1837568** is the 20% darker color. If you saturate the color by 10%, you get **5059840**, and if you desaturate by 10%, it is **5060360**.

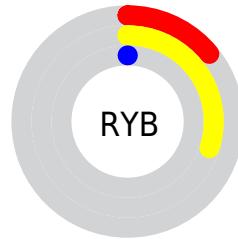
# Distribution



Red (30%)

Green (21%)

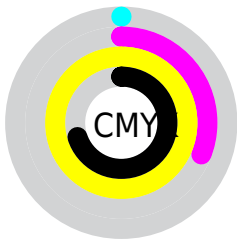
Blue (0%)



Red (14%)

Yellow (30%)

Blue (0%)

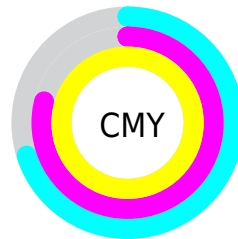


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5059840 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 5059840 by changing the saturation by 10% instead.



 5059840

 5059840

 16777190

 3416064

 8479536

 1837568

 10320967

 0

 12162656

 14004601

 15912083

 16771246

 16777162

 5059840

■ 5060360

■ 5061135

■ 5061655

■ 5062431

■ 5062951

■ 5063470

■ 5064246

■ 5064766

■ 5065541

# Harmonies

## Analogous

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



6171154



5059840



3554562

# Triad

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



5059840



17738



5188442

# Complementary

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



5059840



6221

# 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.



2635369



5059840



17248

# Square

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



5059840



17712



16235



6496579

# Rectangle

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



5059840



2244879



16235



4534113



# Sweetspot

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



5059840



6511174



5046296



3353889



11776947



3355443



# Same Dimension

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



5059840



6505472



4148480



2499874



6702592



15113728



# Inverse Universe

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



6221



8035



917581



2237478



8294

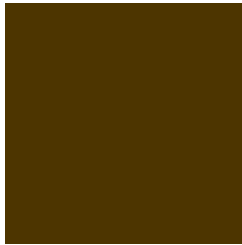


18662



# Previews

## White Background



This preview shows how the Decimal color 5059840 looks on a white background.

## Color Contrast Check

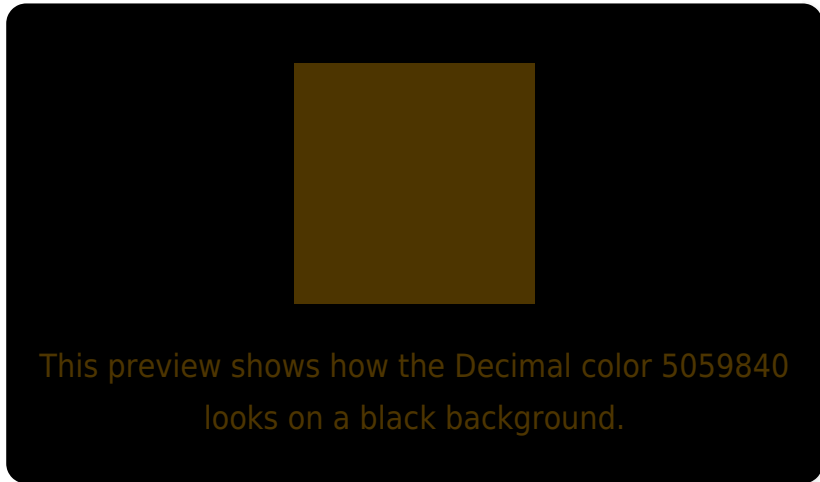
Large Text (above 18pt) WCAG AA ✓ Pass

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

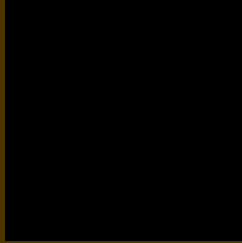
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5059840 Background



This preview shows how black text looks on a background with the Decimal color 5059840.



This preview shows how white text looks on a background with the Decimal color 5059840.

# 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**  
5059840

**Protanopia**  
4274693

**Tritanopia**  
5189941

# Trichromacy



**Original Color**  
5059840

**Protanomaly**  
4536323

**Tritanomaly**  
5124642

# Monochromacy



**Original Color**  
5059840

**Achromatopsia**  
3552822

**Achromatomaly**  
4077090

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5059840 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 #4D3500 looks like.

```
.text, #text, p{  
    color:#4D3500  
}
```

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 #4D3500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3500
}
```

## Border

The CSS property to change the border of an element to Decimal 5059840 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".

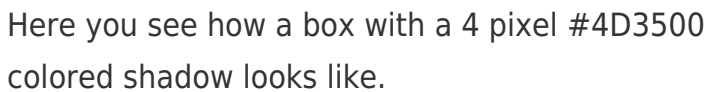
```
.border, #border, table{ border:4px solid
#4D3500 }
```

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

```
.border{ border-color:#4D3500 }
```

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

Here you see how a box with a 4 pixel #4D3500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3500; -webkit-box-shadow:4px 4px  
4px 4px #4D3500; box-shadow:4px 4px 4px  
4px #4D3500 }
```

# Background

The CSS property to change the background color of an element to Decimal 5059840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3500 }
```

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

```
.background{ background-color:#4D3500 }
```

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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