

# Converting Colors

Decimal(4195840)

Have a look what the booklet for  
Decimal(4195840) contains.

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**Color**

**Decimal(4195840)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 400600                    |
| RGB           | 64, 6, 0                  |
| RGB Percent   | 25%, 2%, 0%               |
| CMY           | 0.7490, 0.9765, 1.0000    |
| CMYK          | 0.00, 0.91, 1.00, 0.75    |
| HSL           | 6°, 100%, 13%             |
| HSV           | 6°, 100%, 25%             |
| XYZ           | 2.1795, 1.2202, 0.1207    |
| YIQ           | 22.6580, 36.4940, 10.4300 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 64, 7, 0                      |
| Decimal                             | 4195840                       |
| CIELab                              | 10.71, 26.94, 16.73           |
| CIELCh                              | 11, 31.712, 31.846            |
| Yxy                                 | 1.2202, 0.6191,<br>0.3466     |
| Android<br>(android.graphics.Color) | 4282385920<br>(0xFF400600)    |
| YUV                                 | 22.6580, -11.1704,<br>36.2569 |
| Hunter-Lab                          | 11.0464, 15.8870,<br>7.0849   |

# Details

The Decimal color **4195840** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **14912**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **7616048**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4195840**, and if you desaturate by 10%, it is **4197382**.

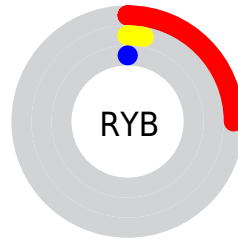
# Distribution



Red (25%)

Green (2%)

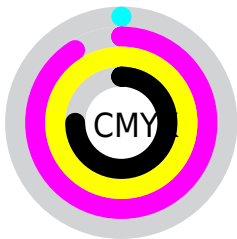
Blue (0%)



Red (25%)

Yellow (3%)

Blue (0%)

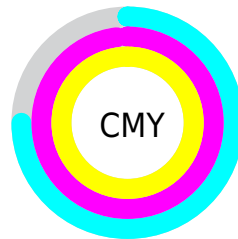


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (98%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4195840 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 4195840 by changing the saturation by 10% instead.



 4195840

 4195840

 16772578


 2686977

 7616048

 0

 9391430

 11232862

 13140086

 15047312

 16758186

 16765382

 4195840

■ 4197382

■ 4198925

■ 4200211

■ 4201754

■ 4203296

■ 4204838

■ 4206381

■ 4207667

■ 4209210

# Harmonies

## Analogous

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



4259869



4195840



3478272

# Triad

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



4195840



9473



8009

# Complementary

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



4195840



14912

# 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.



9283



4195840



10014

# Square

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



4195840



926208



9779



1840706

# Rectangle

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



4195840



2759168



9779



8520



# Sweetspot

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



4195840



5520699



4194363



2825500



11250603



2829099



# Same Dimension

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



4195840



5507072



4203776



2170398



6359296



14685440



# Inverse Universe

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



14912



19540



6976



1974561



22625

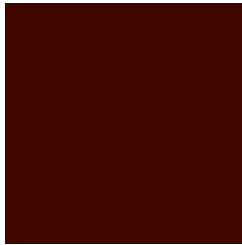


52192



# Previews

## White Background



This preview shows how the Decimal color 4195840 looks on a white background.

## Color Contrast Check

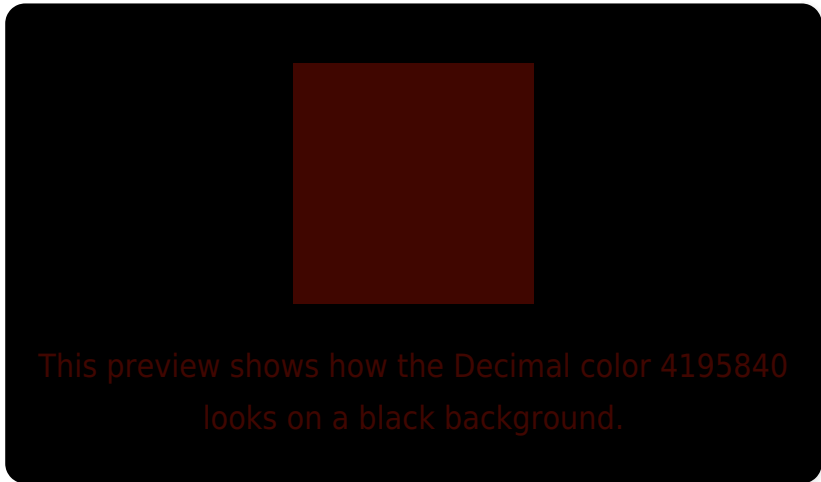
Large Text (above 18pt) WCAG AA ✓ Pass

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

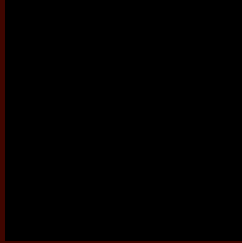
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4195840 Background



This preview shows how black text looks on a background with the Decimal color 4195840.



This preview shows how white text looks on a background with the Decimal color 4195840.

# 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](#).

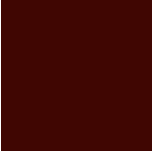
## Dichromacy



**Original Color**  
4195840

**Protanopia**  
2433288

**Deuteranopia**  
2694912



**Tritanopia**  
4195842

# Trichromacy



**Original Color**

4195840

**Protanomaly**

3086085

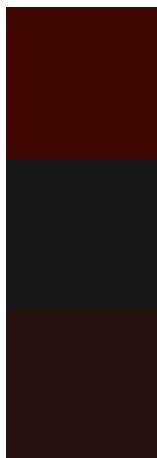
**Deuteranomaly**

3216896

**Tritanomaly**

4195841

# Monochromacy



**Original Color**

4195840

**Achromatopsia**

1513239

**Achromatomaly**

2494735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4195840 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 #400600 looks like.

```
.text, #text, p{  
    color:#400600  
}
```

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 #400600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400600
}
```

## Border

The CSS property to change the border of an element to Decimal 4195840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

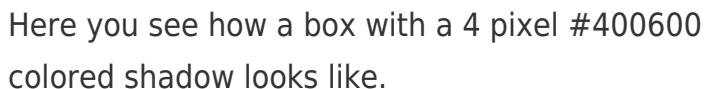
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400600 }
```

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

```
.border{ border-color:#400600 }
```

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



Here you see how a box with a 4 pixel #400600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400600; -webkit-box-shadow:4px 4px  
4px 4px #400600; box-shadow:4px 4px 4px  
4px #400600 }
```

# Background

The CSS property to change the background color of an element to Decimal 4195840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400600 }
```

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

```
.background{ background-color:#400600 }
```

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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