

# Converting Colors

Decimal(4005386)

Have a look what the booklet for  
Decimal(4005386) contains.

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**Color**

**Decimal(4005386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D1E0A
RGB	61, 30, 10
RGB Percent	24%, 12%, 4%
CMY	0.7608, 0.8824, 0.9608
CMYK	0.00, 0.51, 0.84, 0.76
HSL	24°, 72%, 14%
HSV	24°, 84%, 24%
XYZ	2.4435, 1.9426, 0.5333
YIQ	36.9890, 24.8960, 0.3520

# Conversions

## Conversions Part 2

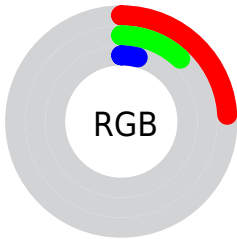
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 43, 10
Decimal	4005386
CIELab	15.18, 13.16, 18.55
CIELCh	15, 22.743, 54.644
Yxy	1.9426, 0.4967, 0.3949
Android (android.graphics.Color)	4282195466 (0xFF3D1E0A)
YUV	36.9890, -13.3056, 21.0576
Hunter-Lab	13.9376, 6.9038, 7.4876

# Details

The Decimal color **4005386** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **665917**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **7293494**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4004356**, and if you desaturate by 10%, it is **4006416**.

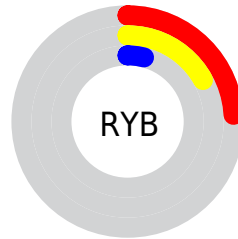
# Distribution



Red (24%)

Green (12%)

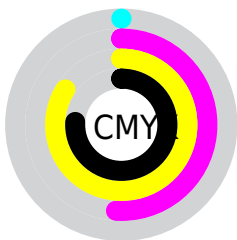
Blue (4%)



Red (24%)

Yellow (17%)

Blue (4%)

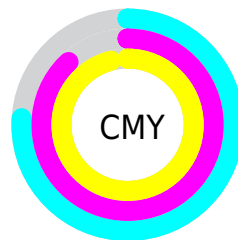


Cyan (0%)

Magenta (51%)

Yellow (84%)

Black (76%)



Cyan (76%)

Magenta (88%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4005386 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 4005386 by changing the saturation by 10% instead.



 4005386

 4005386

 16777194

 2492416

 7293494

 0

 9069133

 10845029

 12686718

 14528664

 16436147

 16771022

 4005386

 4005386

■ 4004356

■ 4006416

■ 4003840

■ 4007190

■ 4008220

■ 4009250

■ 4010281

■ 4011055

■ 4012085

■ 4013115

■ 4013889

# Harmonies

## Analogous

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



4397338



4005386



3286016

# Triad

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



4005386



11811



2171715

# Complementary

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



4005386



665917

# 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.



10566



4005386



11827

# Square

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



4005386



863251



11328



3611705

# Rectangle

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



4005386



2631680



11328



1516869



# Sweetspot

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



4005386



5194555



4000297



2695453



11053224



2697513



# Same Dimension

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



4005386



5185280



4011786



2039068



6169856



14571264



# Inverse Universe

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



665917



12367



659517



1842463



14686

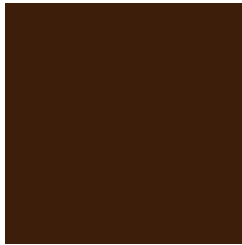


34782



# Previews

## White Background



This preview shows how the Decimal color 4005386 looks on a white background.

## Color Contrast Check

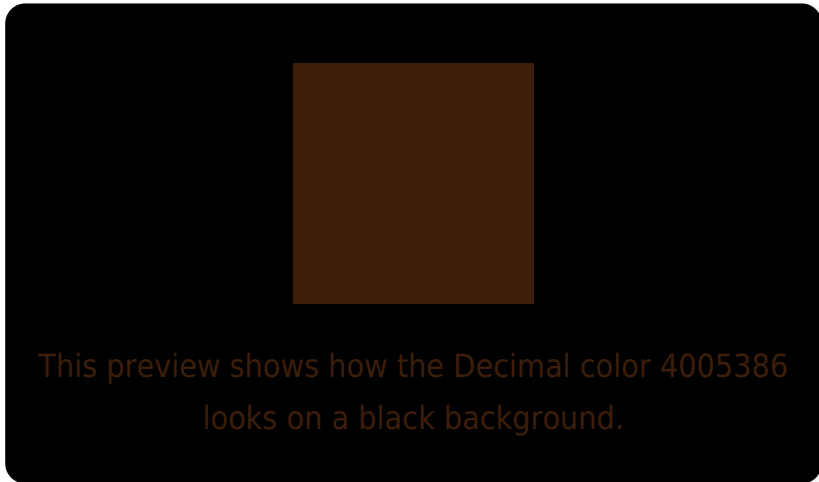
Large Text (above 18pt) WCAG AA ✓ Pass

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 4005386 Background



This preview shows how black text looks on a background with the Decimal color 4005386.

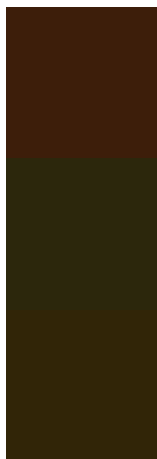


This preview shows how white text looks on a background with the Decimal color 4005386.

# 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**  
4005386

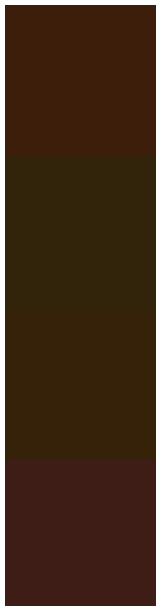
**Protanopia**  
2893580

**Deuteranopia**  
3220743



**Tritanopia**  
4070430

# Trichromacy



**Original Color**

4005386

**Protanomaly**

3286027

**Deuteranomaly**

3482120

**Tritanomaly**

4070679

# Monochromacy



**Original Color**

4005386

**Achromatopsia**

2434341

**Achromatomaly**

3023387

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4005386 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 #3D1E0A looks like.

```
.text, #text, p{  
    color:#3D1E0A  
}
```

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 #3D1E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1E0A
}
```

## Border

The CSS property to change the border of an element to Decimal 4005386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

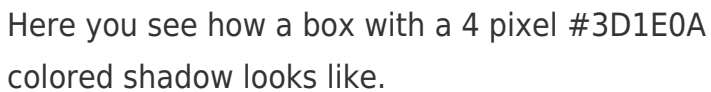
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D1E0A }
```

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

```
.border{ border-color:#3D1E0A }
```

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



Here you see how a box with a 4 pixel #3D1E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1E0A; -webkit-box-shadow:4px 4px  
4px 4px #3D1E0A; box-shadow:4px 4px 4px  
4px #3D1E0A }
```

# Background

The CSS property to change the background color of an element to Decimal 4005386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1E0A }
```

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

```
.background{ background-color:#3D1E0A }
```

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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