

# Converting Colors

Decimal(6501376)

Have a look what the booklet for  
Decimal(6501376) contains.

<b>Decimal(6501376)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6501376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	633400
RGB	99, 52, 0
RGB Percent	39%, 20%, 0%
CMY	0.6118, 0.7961, 1.0000
CMYK	0.00, 0.47, 1.00, 0.61
HSL	32°, 100%, 19%
HSV	32°, 100%, 39%
XYZ	6.3736, 5.1086, 0.6501
YIQ	60.1250, 44.7040, -6.2080

# Conversions

## Conversions Part 2

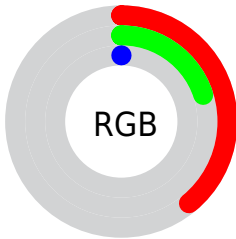
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 99, 0
Decimal	6501376
CIELab	27.04, 17.61, 37.32
CIELCh	27, 41.270, 64.743
Yxy	5.1086, 0.5253, 0.4211
Android (android.graphics.Color)	4284691456 (0xFF633400)
YUV	60.1250, -29.6416, 34.0934
Hunter-Lab	22.6023, 10.7809, 14.1162

# Details

The Decimal color **6501376** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12131**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **10183472**, and **3016960** is the 20% darker color. If you saturate the color by 10%, you get **6501376**, and if you desaturate by 10%, it is **6502666**.

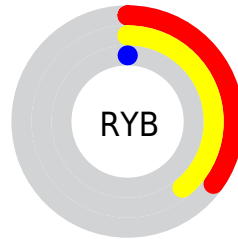
# Distribution



Red (39%)

Green (20%)

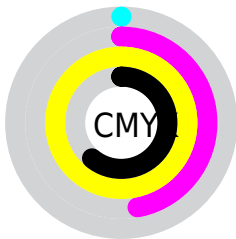
Blue (0%)



Red (35%)

Yellow (39%)

Blue (0%)

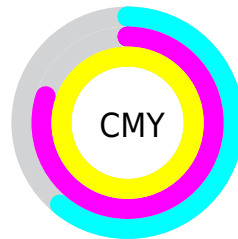


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6501376 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 6501376 by changing the saturation by 10% instead.



 6501376

 6501376

 16777191

 4726272

 10183472

 3016960

 12024904

 786432

 13932128

 0

 15905146

 16764052

 16771247

 16777163

 6501376

■ 6502666

■ 6503700

■ 6504990

■ 6506280

■ 6507570

■ 6508603

■ 6509893

■ 6511183

■ 6512217

# Harmonies

## Analogous

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



7546142



6501376



4866048

# Triad

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



6501376



20036



4601204

# Complementary

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



6501376



12131

# 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.



17023



6501376



20067

# Square

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



6501376



19491



19065



6890843

# Rectangle

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



6501376



3491328



19065



3291770



# Sweetspot

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



6501376



8416601



6488112



4207913



12566463



4210752



# Same Dimension

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



6501376



8405760



6382336



3157548



7355136



15760896



# Inverse Universe

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



12131



15744



131171



2895408



13680

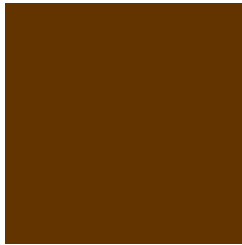


29424



# Previews

## White Background



This preview shows how the Decimal color 6501376 looks on a white background.

## Color Contrast Check

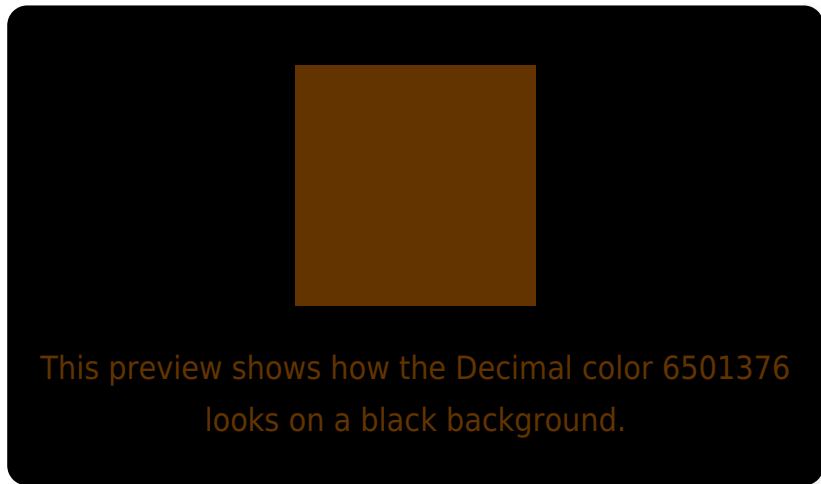
Large Text (above 18pt) WCAG AA ✓ Pass

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

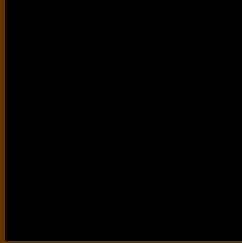
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6501376 Background



This preview shows how black text looks on a background with the Decimal color 6501376.



This preview shows how white text looks on a background with the Decimal color 6501376.

# 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**  
6501376

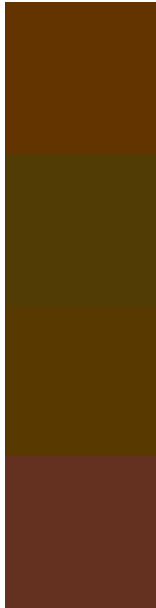
**Protanopia**  
4800776

**Deuteranopia**  
5389568



**Tritanopia**  
6631476

# Trichromacy



**Original Color**  
6501376

**Protanomaly**  
5389317

**Deuteranomaly**  
5782016

**Tritanomaly**  
6566177

# Monochromacy



**Original Color**  
6501376

**Achromatopsia**  
3947580

**Achromatomaly**  
4864294

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6501376 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 #633400 looks like.

```
.text, #text, p{  
    color:#633400  
}
```

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 #633400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633400
}
```

## Border

The CSS property to change the border of an element to Decimal 6501376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

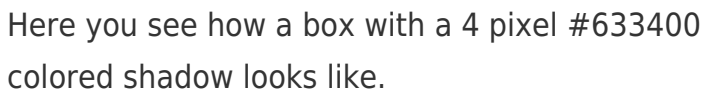
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633400 }
```

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

```
.border{ border-color:#633400 }
```

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



Here you see how a box with a 4 pixel #633400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633400; -webkit-box-shadow:4px 4px  
4px 4px #633400; box-shadow:4px 4px 4px  
4px #633400 }
```

# Background

The CSS property to change the background color of an element to Decimal 6501376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633400 }
```

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

```
.background{ background-color:#633400 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor