

# Converting Colors

Decimal(13193996)

Have a look what the booklet for  
Decimal(13193996) contains.

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# Color

**Decimal(13193996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9530C
RGB	201, 83, 12
RGB Percent	79%, 33%, 5%
CMY	0.2118, 0.6745, 0.9529
CMYK	0.00, 0.59, 0.94, 0.21
HSL	23°, 89%, 42%
HSV	23°, 94%, 79%
XYZ	27.2470, 18.6306, 2.5078
YIQ	110.1880, 93.1190, 2.9350

# Conversions

## Conversions Part 2

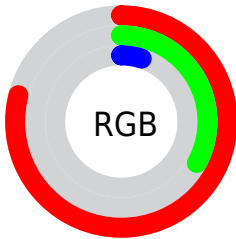
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 126, 12</a>
Decimal	<a href="#">13193996</a>
CIELab	<a href="#">50.25, 44.11, 57.32</a>
CIELCh	<a href="#">50, 72.333, 52.420</a>
Yxy	<a href="#">18.6306, 0.5631, 0.3850</a>
Android (android.graphics.Color)	<a href="#">4291384076</a> ( <a href="#">0xFFC9530C</a> )
YUV	<a href="#">110.1880, -48.4067, 79.6421</a>
Hunter-Lab	<a href="#">43.1631, 37.1438, 26.7694</a>

# Details

The Decimal color **13193996** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **819913**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16746563**, and **9116928** is the 20% darker color. If you saturate the color by 10%, you get **13192192**, and if you desaturate by 10%, it is **13197344**.

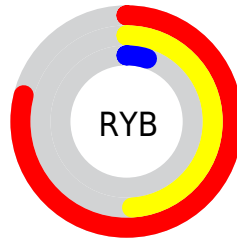
# Distribution



Red (79%)

Green (33%)

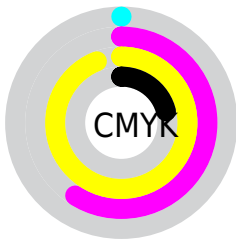
Blue (5%)



Red (79%)

Yellow (49%)

Blue (5%)

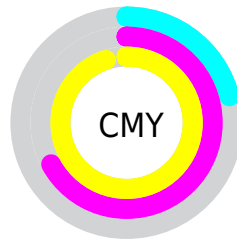


Cyan (0%)

Magenta (59%)

Yellow (94%)

Black (21%)



Cyan (21%)

Magenta (67%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13193996 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 13193996 by changing the saturation by 10% instead.



 13193996

 13193996

16777215

 11155712

 16746563

 9116928

 16753501

 7077888

 16760695

 5177344

 16767889

 3473410


 16775341

 327680

 16777161

 0

 16777189

 13193996

 13193996

■ 13192192

■ 13197344

■ 13200436

■ 13203784

■ 13206876

■ 13210225

■ 13213317

■ 13216665

■ 13219757

■ 13223105

# Harmonies

## Analogous

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



14692685



13193996



10383360

# Triad

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



13193996



37221



4812523

# Complementary

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



13193996



819913

# 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.



34035



13193996



37541

# Square

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



13193996



35875



36825



11619780

# Rectangle

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



13193996



8027392



36825



30705



# Sweetspot

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



13193996



16765624



13175940



8414292



0



8421504



# Same Dimension

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



13193996



16736256



13217804



6511962



10697984



2362624

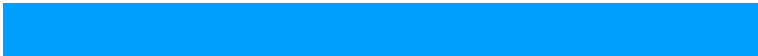


# Inverse Universe

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



819913



40959



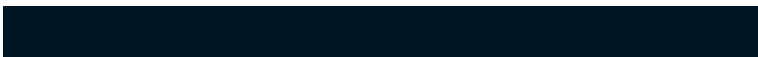
796105



5922915



26275



5668



# Previews

## White Background



This preview shows how the Decimal color 13193996 looks on a white background.

## Color Contrast Check

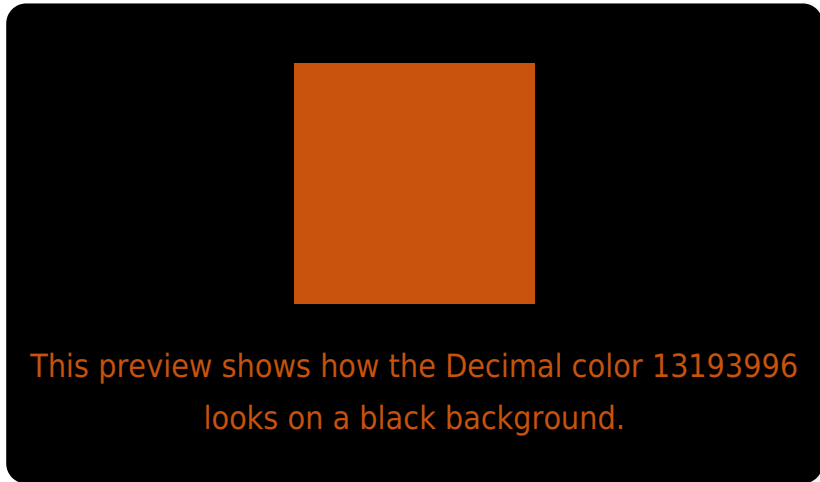
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Decimal 13193996 Background



This preview shows how black text looks on a background with the Decimal color 13193996.



This preview shows how white text looks on a background with the Decimal color 13193996.

# 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**  
13193996

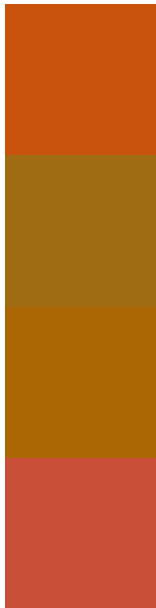
**Protanopia**  
8878359

**Deuteranopia**  
9990656



**Tritanopia**  
13323602

# Trichromacy



**Original Color**  
13193996

**Protanomaly**  
10447635

**Deuteranomaly**  
11167492

**Tritanomaly**  
13258553

# Monochromacy



**Original Color**  
13193996

**Achromatopsia**  
7237230

**Achromatomaly**  
9397322

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13193996 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 #C9530C looks like.

```
.text, #text, p{  
    color:#C9530C  
}
```

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 #C9530C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9530C
}
```

## Border

The CSS property to change the border of an element to Decimal 13193996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

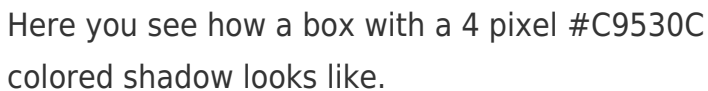
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C9530C }
```

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

```
.border{ border-color:#C9530C }
```

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



Here you see how a box with a 4 pixel `#C9530C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9530C; -webkit-box-shadow:4px 4px  
4px 4px #C9530C; box-shadow:4px 4px 4px  
4px #C9530C }
```

# Background

The CSS property to change the background color of an element to Decimal 13193996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9530C }
```

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

```
.background{ background-color:#C9530C }
```

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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