

# Converting Colors

Decimal(13195291)

Have a look what the booklet for  
Decimal(13195291) contains.

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**Color**

**Decimal(13195291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9581B
RGB	201, 88, 27
RGB Percent	79%, 35%, 11%
CMY	0.2118, 0.6549, 0.8941
CMYK	0.00, 0.56, 0.87, 0.21
HSL	21°, 76%, 45%
HSV	21°, 87%, 79%
XYZ	27.7749, 19.4761, 3.3323
YIQ	114.8330, 86.9290, 4.9850

# Conversions

## Conversions Part 2

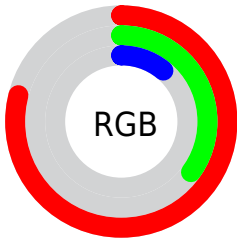
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 121, 27</a>
Decimal	<a href="#">13195291</a>
CIELab	<a href="#">51.24, 41.97, 53.37</a>
CIElCh	<a href="#">51, 67.899, 51.817</a>
Yxy	<a href="#">19.4761, 0.5491, 0.3850</a>
Android (android.graphics.Color)	<a href="#">4291385371</a> (0xFFC9581B)
YUV	<a href="#">114.8330, -43.3017, 75.5685</a>
Hunter-Lab	<a href="#">44.1317, 35.1111, 26.4154</a>

# Details

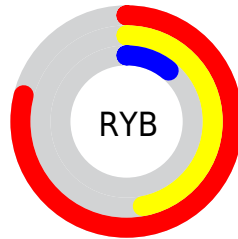
The Decimal color **13195291** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1805513**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **16747854**, and **9184256** is the 20% darker color. If you saturate the color by 10%, you get **13191943**, and if you desaturate by 10%, it is **13198639**.

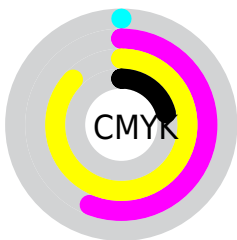
# Distribution



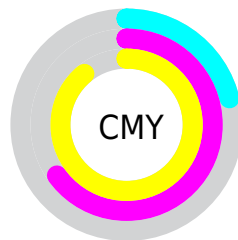
- Red (79%)
- Green (35%)
- Blue (11%)



- Red (79%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (87%)
- Black (21%)



















- Cyan (21%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13195291 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 13195291 by changing the saturation by 10% instead.



 13195291	 13195291
16777215	 11156992
 16747854	 9184256
 16754791	 7144192
 16761985	 5242880
 16769180	 3538945
 16776631	 720896
 16777172	 0
 16777200	
 13195291	 13195291

■ 13191943

■ 13198639

■ 13190656

■ 13201987

■ 13205335

■ 13208683

■ 13212032

■ 13215380

■ 13218728

■ 13222076

■ 13225424

# Harmonies

## Analogous

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



14564435



13195291



10580480

# Triad

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



13195291



37736



5337831

# Complementary

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



13195291



1805513

# 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.



34542



13195291



38052

# Square

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



13195291



36395



37077



11490755

# Rectangle

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



13195291



8290048



37077



31469



# Sweetspot

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



13195291



16766141



13179788



8414808



0



8421504



# Same Dimension

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



13195291



16734464



13217563



6511962



10696960



2362624

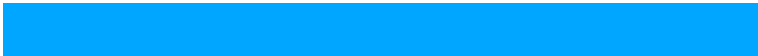


# Inverse Universe

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



1805513



42751



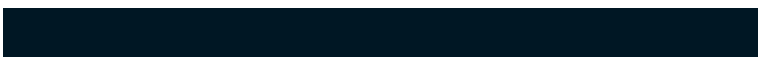
1783241



5922915



27299



5924



# Previews

## White Background



This preview shows how the Decimal color 13195291 looks on a white background.

## Color Contrast Check

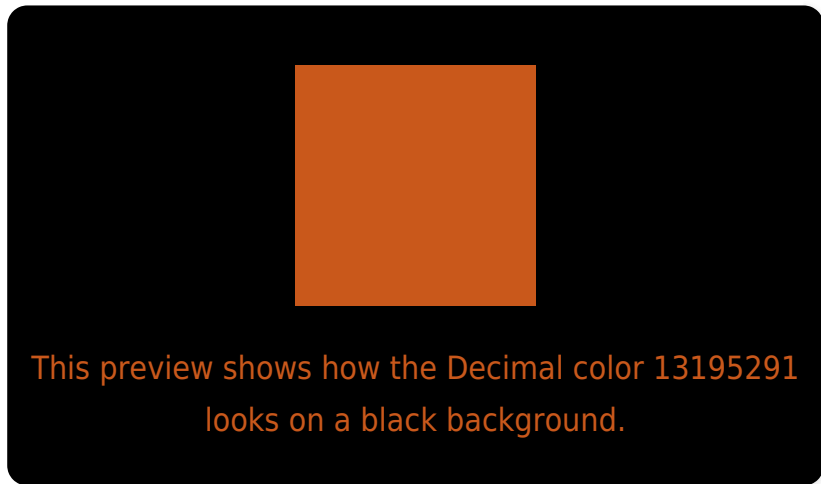
Large Text (above 18pt) WCAG AA ✓ Pass

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 13195291 Background



This preview shows how black text looks on a background with the Decimal color 13195291.



This preview shows how white text looks on a background with the Decimal color 13195291.

# 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**  
13195291

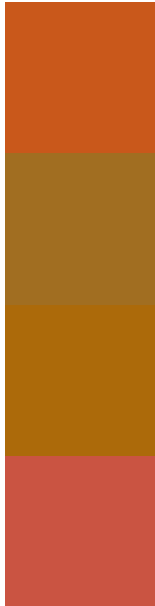
**Protanopia**  
9075492

**Deuteranopia**  
10187776



**Tritanopia**  
13324888

# Trichromacy



**Original Color**  
13195291

**Protanomaly**  
10579489

**Deuteranomaly**  
11299338

**Tritanomaly**  
13259842

# Monochromacy



**Original Color**  
13195291

**Achromatopsia**  
7566195

**Achromatomaly**  
9595219

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13195291 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 #C9581B looks like.

```
.text, #text, p{  
    color:#C9581B  
}
```

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 #C9581B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9581B
}
```

## Border

The CSS property to change the border of an element to Decimal 13195291 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
#C9581B }
```

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

```
.border{ border-color:#C9581B }
```

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

Here you see how a box with a 4 pixel #C9581B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9581B; -webkit-box-shadow:4px 4px  
4px 4px #C9581B; box-shadow:4px 4px 4px  
4px #C9581B }
```

# Background

The CSS property to change the background color of an element to Decimal 13195291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9581B }
```

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

```
.background{ background-color:#C9581B }
```

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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