

# Converting Colors

Decimal(12789513)

Have a look what the booklet for  
Decimal(12789513) contains.

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**Color**

**Decimal(12789513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C32709
RGB	195, 39, 9
RGB Percent	76%, 15%, 4%
CMY	0.2353, 0.8471, 0.9647
CMYK	0.00, 0.80, 0.95, 0.24
HSL	10°, 91%, 40%
HSV	10°, 95%, 76%
XYZ	23.2805, 13.0729, 1.5547
YIQ	82.2240, 102.6060, 23.7420

# Conversions

## Conversions Part 2

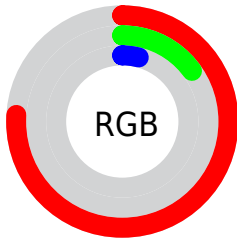
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 45, 9
Decimal	12789513
CIE <sub>Lab</sub>	42.87, 59.08, 52.98
CIE <sub>LCh</sub>	43, 79.356, 41.888
Yxy	13.0729, 0.6141, 0.3449
Android (android.graphics.Color)	4290979593 (0xFFC32709)
YUV	82.2240, -36.0994, 98.9046
Hunter-Lab	36.1564, 51.6594, 22.7600

# Details

The Decimal color **12789513** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **632259**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16737084**, and **8650752** is the 20% darker color. If you saturate the color by 10%, you get **12787456**, and if you desaturate by 10%, it is **12793628**.

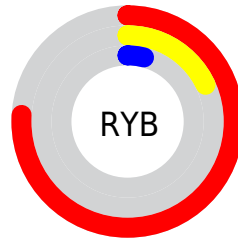
# Distribution



Red (76%)

Green (15%)

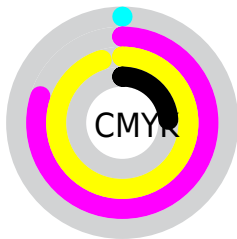
Blue (4%)



Red (76%)

Yellow (18%)

Blue (4%)

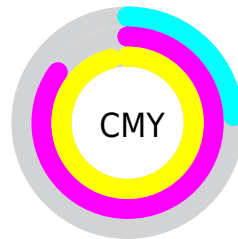


Cyan (0%)

Magenta (80%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (85%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12789513 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 12789513 by changing the saturation by 10% instead.



 12789513	 12789513
 16777207	 10682368
 16737084	 8650752
 16744277	 6553600
 16751470	 4653058
 16758920	 2686977
 16766371	 0
 16773822	
 16777178	
 12789513	 12789513

■ 12787456

■ 12793628

■ 12798000

■ 12802115

■ 12806231

■ 12810603

■ 12814718

■ 12818834

■ 12823205

■ 12827320

# Harmonies

## Analogous

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



13828175



12789513



10244864

# Triad

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



12789513



32057



26344

# Complementary

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



12789513



632259

# 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.



30948



12789513



32895

# Square

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



12789513



30464



32701



8668105

# Rectangle

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



12789513



7889920



32701



28395



# Sweetspot

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



12789513



16564147



12781991



8411731



0



8421504



# Same Dimension

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



12789513



16525568



12812809



6379863



10557952



2163968



# Inverse Universe

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



632259



54524



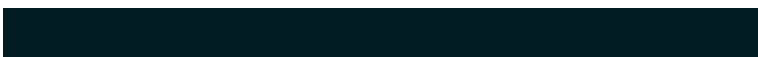
608963



5726049



34721



7201



# Previews

## White Background



This preview shows how the Decimal color 12789513 looks on a white background.

## Color Contrast Check

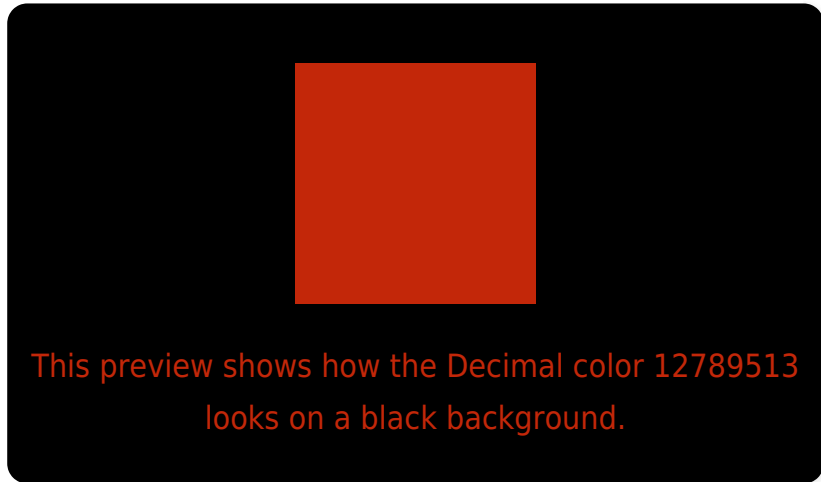
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 12789513 Background



This preview shows how black text looks on a background with the Decimal color 12789513.



This preview shows how white text looks on a background with the Decimal color 12789513.

# 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



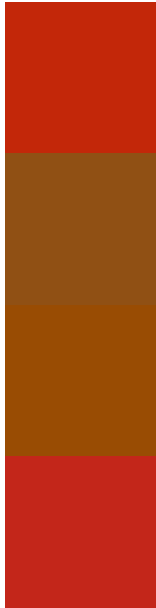
**Original Color**  
12789513

**Protanopia**  
7563034

**Deuteranopia**  
8478976



# Trichromacy



**Original Color**  
12789513

**Protanomaly**  
9457684

**Deuteranomaly**  
10046467

**Tritanomaly**  
12789274

# Monochromacy



**Original Color**  
12789513

**Achromatopsia**  
5395026

**Achromatomaly**  
8077879

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12789513 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 #C32709 looks like.

```
.text, #text, p{  
  color:#C32709  
}
```

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 #C32709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C32709
}
```

## Border

The CSS property to change the border of an element to Decimal 12789513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

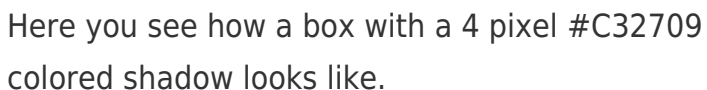
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C32709 }
```

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

```
.border{ border-color:#C32709 }
```

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



Here you see how a box with a 4 pixel `#C32709` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C32709; -webkit-box-shadow:4px 4px  
4px 4px #C32709; box-shadow:4px 4px 4px  
4px #C32709 }
```

# Background

The CSS property to change the background color of an element to Decimal 12789513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C32709 }
```

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

```
.background{ background-color:#C32709 }
```

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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