

# Converting Colors

Decimal(12929293)

Have a look what the booklet for  
Decimal(12929293) contains.

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**Color**

**Decimal(12929293)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5490D
RGB	197, 73, 13
RGB Percent	77%, 29%, 5%
CMY	0.2275, 0.7137, 0.9490
CMYK	0.00, 0.63, 0.93, 0.23
HSL	20°, 88%, 41%
HSV	20°, 93%, 77%
XYZ	25.4811, 16.6645, 2.2543
YIQ	103.2360, 93.1640, 7.6280

# Conversions

## Conversions Part 2

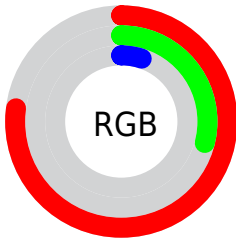
Format	Color
<a href="#">RYB</a>	<a href="#">197, 102, 13</a>
Decimal	<a href="#">12929293</a>
CIELab	<a href="#">47.83, 47.25, 55.14</a>
CIELCh	<a href="#">48, 72.618, 49.405</a>
Yxy	<a href="#">16.6645, 0.5739, 0.3753</a>
Android (android.graphics.Color)	<a href="#">4291119373</a> ( <a href="#">0xFFC5490D</a> )
YUV	<a href="#">103.2360, -44.4863, 82.2310</a>
Hunter-Lab	<a href="#">40.8221, 39.9809, 25.3013</a>

# Details

The Decimal color **12929293** 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 **887237**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16744002**, and **8850688** is the 20% darker color. If you saturate the color by 10%, you get **12926976**, and if you desaturate by 10%, it is **12932641**.

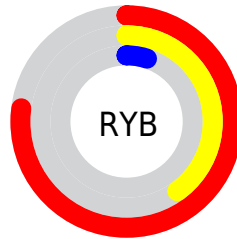
# Distribution



Red (77%)

Green (29%)

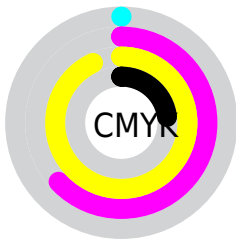
Blue (5%)



Red (77%)

Yellow (40%)

Blue (5%)

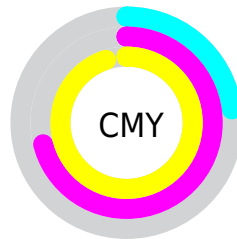


Cyan (0%)

Magenta (63%)

Yellow (93%)

Black (23%)



Cyan (23%)

Magenta (71%)


















Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12929293 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 12929293 by changing the saturation by 10% instead.



 12929293	 12929293
16777215	 10890752
 16744002	 8850688
 16750939	 6815744
 16758133	 4915200
 16765584	 3145730
 16773035	 0
 16777159	
 16777187	
 12929293	 12929293

■ 12926976

■ 12932641

■ 12936244

■ 12939592

■ 12942940

■ 12946288

■ 12949891

■ 12953239

■ 12956587

■ 12959934

# Harmonies

## Analogous

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



14295885



12929293



10249984

# Triad

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



12929293



35417



2386919

# Complementary

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



12929293



887237

# 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.



33003



12929293



35993

# Square

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



12929293



34066



35278



10701506

# Rectangle

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



12929293



7959808



35278



29676



# Sweetspot

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



12929293



16764856



12914059



8413780



0



8421504



# Same Dimension

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



12929293



16732928



12952333



6511962



10695936



2362368



# Inverse Universe

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



887237



44287



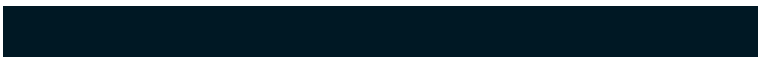
864197



5922915



28323



6180



# Previews

## White Background



This preview shows how the Decimal color 12929293 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



This preview shows how the Decimal color 12929293 looks on a 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 12929293 Background



This preview shows how black text looks on a background with the Decimal color 12929293.



This preview shows how white text looks on a background with the Decimal color 12929293.

# 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



# Trichromacy



**Original Color**  
12929293

**Protanomaly**  
10118165

**Tritanomaly**  
12994099

# Monochromacy



**Original Color**  
12929293

**Achromatopsia**  
6776679

**Achromatomaly**  
9002054

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12929293 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 #C5490D looks like.

```
.text, #text, p{  
    color:#C5490D  
}
```

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 #C5490D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5490D
}
```

## Border

The CSS property to change the border of an element to Decimal 12929293 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".

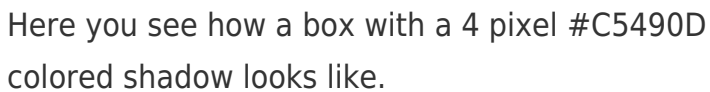
```
.border, #border, table{ border:4px solid
#C5490D }
```

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

```
.border{ border-color:#C5490D }
```

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

Here you see how a box with a 4 pixel #C5490D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5490D; -webkit-box-shadow:4px 4px  
4px 4px #C5490D; box-shadow:4px 4px 4px  
4px #C5490D }
```

# Background

The CSS property to change the background color of an element to Decimal 12929293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5490D }
```

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

```
.background{ background-color:#C5490D }
```

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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