

# Converting Colors

Decimal(13081900)

Have a look what the booklet for  
Decimal(13081900) contains.

<b>Decimal(13081900)</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(13081900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C79D2C
RGB	199, 157, 44
RGB Percent	78%, 62%, 17%
CMY	0.2196, 0.3843, 0.8275
CMYK	0.00, 0.21, 0.78, 0.22
HSL	44°, 64%, 48%
HSV	44°, 78%, 78%
XYZ	36.0648, 36.4379, 7.5153
YIQ	156.6760, 61.3050, -26.2390

# Conversions

## Conversions Part 2

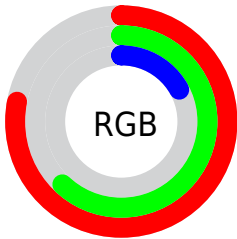
Format	Color
<a href="#">RYB</a>	<a href="#">102, 199, 44</a>
Decimal	<a href="#">13081900</a>
CIELab	<a href="#">66.85, 4.85, 60.81</a>
CIElCh	<a href="#">67, 61.004, 85.436</a>
Yxy	<a href="#">36.4379, 0.4507, 0.4554</a>
Android (android.graphics.Color)	<a href="#">4291271980</a> ( <a href="#">0xFFC79D2C</a> )
YUV	<a href="#">156.6760, -55.5493, 37.1181</a>
Hunter-Lab	<a href="#">60.3638, 1.0094, 34.8731</a>

# Details

The Decimal color **13081900** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2905799**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16765795**, and **9267712** is the 20% darker color. If you saturate the color by 10%, you get **13080600**, and if you desaturate by 10%, it is **13083200**.

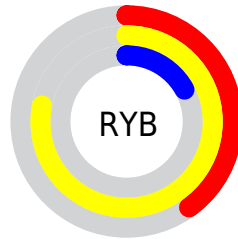
# Distribution



Red (78%)

Green (62%)

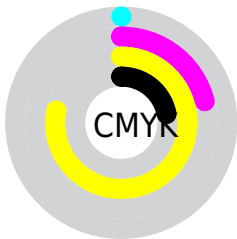
Blue (17%)



Red (40%)

Yellow (78%)

Blue (17%)

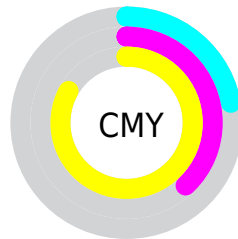


Cyan (0%)

Magenta (21%)

Yellow (78%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13081900 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 13081900 by changing the saturation by 10% instead.



 13081900

 13081900

16777215

 11174664

 16765795

 9267712

 16772989

 7426560

 16777113

 5585664

 16777141

 3810816

 16777169

 2167296

 16777198

 0

 13081900

 13081900

 13080600

 13083200

■ 13079044

■ 13084756

■ 13078784

■ 13086056

■ 13087612

■ 13088912

■ 13090211

■ 13091767

■ 13093067

■ 13094623

# Harmonies

## Analogous

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



15697992



13081900



9612599

# Triad

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



13081900



48592



14516450

# Complementary

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



13081900



2905799

# 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.



9804031



13081900



47356

# Square

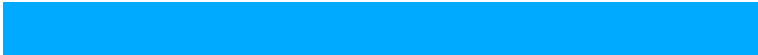
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13081900



48536



44031



16740781

# Rectangle

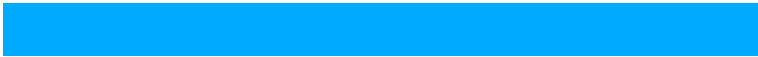
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13081900



6731089



44031



13273328



# Sweetspot

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



13081900



16773060



13053016



8418908



0



8421504



# Same Dimension

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



13081900



16760594



10864428



6512986



10712832



2365952



# Inverse Universe

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



2905799



1200895



5123271



5921891



11427



2596



# Previews

## White Background



This preview shows how the Decimal color 13081900 looks on a white 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

# Black Background



This preview shows how the Decimal color 13081900 looks on a 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 ✓ Pass

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



## Decimal 13081900 Background



This preview shows how black text looks on a background with the Decimal color 13081900.



This preview shows how white text looks on a background with the Decimal color 13081900.

# 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**  
13081900

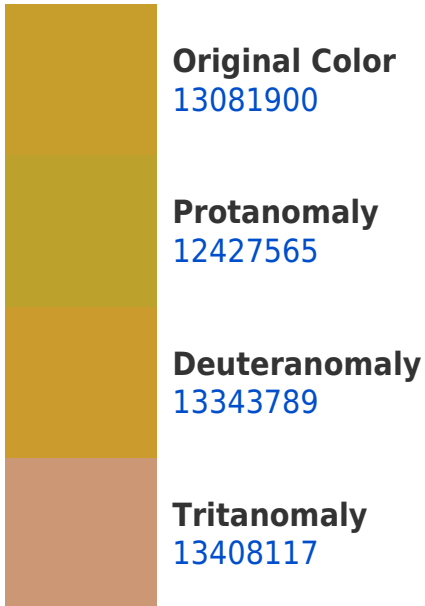
**Protanopia**  
12034862

**Deuteranopia**  
13474605



**Tritanopia**  
13603742

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13081900 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 #C79D2C looks like.

```
.text, #text, p{  
    color:#C79D2C  
}
```

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 #C79D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79D2C
}
```

## Border

The CSS property to change the border of an element to Decimal 13081900 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
#C79D2C }
```

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

```
.border{ border-color:#C79D2C }
```

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

Here you see how a box with a 4 pixel #C79D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79D2C; -webkit-box-shadow:4px 4px  
4px 4px #C79D2C; box-shadow:4px 4px 4px  
4px #C79D2C }
```

# Background

The CSS property to change the background color of an element to Decimal 13081900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79D2C }
```

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

```
.background{ background-color:#C79D2C }
```

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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