

# Converting Colors

Decimal(13210709)

Have a look what the booklet for  
Decimal(13210709) contains.

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# **Color**

**Decimal(13210709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C99455
RGB	201, 148, 85
RGB Percent	79%, 58%, 33%
CMY	0.2118, 0.4196, 0.6667
CMYK	0.00, 0.26, 0.58, 0.21
HSL	33°, 52%, 56%
HSV	33°, 58%, 79%
XYZ	36.3170, 34.2532, 13.2917
YIQ	156.6650, 51.8110, -8.3570

# Conversions

## Conversions Part 2

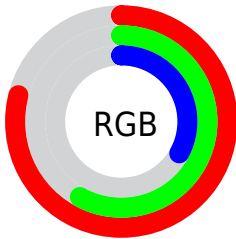
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 201, 85</a>
Decimal	<a href="#">13210709</a>
CIELab	<a href="#">65.16, 12.98, 40.72</a>
CIELCh	<a href="#">65, 42.742, 72.319</a>
Yxy	<a href="#">34.2532, 0.4331, 0.4084</a>
Android (android.graphics.Color)	<a href="#">4291400789</a> ( <a href="#">0xFFC99455</a> )
YUV	<a href="#">156.6650, -35.3308, 38.8818</a>
Hunter-Lab	<a href="#">58.5262, 8.3428, 27.5032</a>

# Details

The Decimal color **13210709** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5606089**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16763528**, and **9462053** is the 20% darker color. If you saturate the color by 10%, you get **13208385**, and if you desaturate by 10%, it is **13213033**.

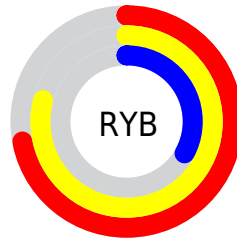
# Distribution



Red (79%)

Green (58%)

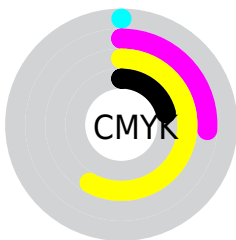
Blue (33%)



Red (72%)

Yellow (79%)

Blue (33%)

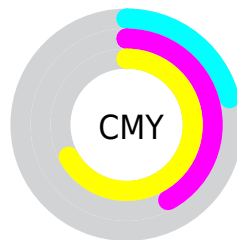


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (21%)



Cyan (21%)

Magenta (42%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13210709 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 13210709 by changing the saturation by 10% instead.



 13210709

 13210709

16777215

 11303485

 16763528

 9462053

 16770723

 7621131

 16777150

 5845760

 16777178

 4136448

 16777207

 2492416

 0

 13210709

 13210709

 13208385

 13213033

13206061

13215357

13203481

13217937

13201157

13220261

13200640

13222586

13224910

13227234

13229558

13232127

# Harmonies

## Analogous

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



14714732



13210709



10985809

# Triad

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



13210709



45741



11964119

# Complementary

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



13210709



5606089

# 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.



8232425



13210709



45265

# Square

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



13210709



4698246



2206182



14320310

# Rectangle

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



13210709



9152604



2206182



10851295

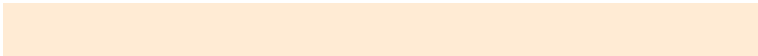


# Sweetspot

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



13210709



16772052



13194635



8418406



0



8421504



# Same Dimension

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



13210709



16756559



12962133



6512474



10705152



2364160



# Inverse Universe

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



5606089



5218303



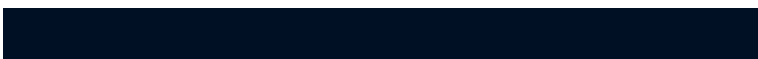
5854665



5922403



19363

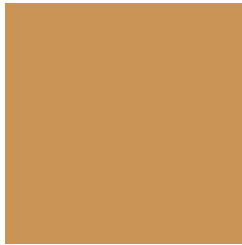


4132



# Previews

## White Background



This preview shows how the Decimal color 13210709 looks on a white background.

## Color Contrast Check

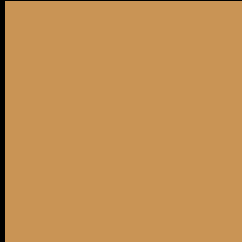
Large Text (above 18pt) WCAG AA × Fail

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 13210709 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

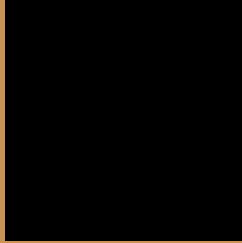
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13210709 Background



This preview shows how black text looks on a background with the Decimal color 13210709.



This preview shows how white text looks on a background with the Decimal color 13210709.

# 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**  
13210709

**Protanopia**  
11444057

**Deuteranopia**  
12752724



**Tritanopia**  
13536407

# Trichromacy



**Original Color**  
13210709

**Protanomaly**  
12098392

**Deuteranomaly**  
12949076

**Tritanomaly**  
13406079

# Monochromacy



**Original Color**  
13210709

**Achromatopsia**  
10329501

**Achromatomaly**  
11377283

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13210709 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 #C99455 looks like.

```
.text, #text, p{  
    color:#C99455  
}
```

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 #C99455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99455 } }
```

## Border

The CSS property to change the border of an element to Decimal 13210709 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 #C99455 } }
```

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

```
.border{ border-color:#C99455 }
```

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

Here you see how a box with a 4 pixel #C99455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99455; -webkit-box-shadow:4px 4px  
4px 4px #C99455; box-shadow:4px 4px 4px  
4px #C99455 }
```

# Background

The CSS property to change the background color of an element to Decimal 13210709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99455 }
```

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

```
.background{ background-color:#C99455 }
```

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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