

Converting Colors

Decimal(13409280)

Have a look what the booklet for
Decimal(13409280) contains.

Decimal(13409280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13409280)

Conversions

Conversions Part 1

Format	Color
Hex	CC9C00
RGB	204, 156, 0
RGB Percent	80%, 61%, 0%
CMY	0.2000, 0.3882, 1.0000
CMYK	0.00, 0.24, 1.00, 0.20
HSL	46°, 100%, 40%
HSV	46°, 100%, 80%
XYZ	36.7903, 36.6143, 5.1282
YIQ	152.5680, 78.6840, -38.3400

Conversions

Conversions Part 2

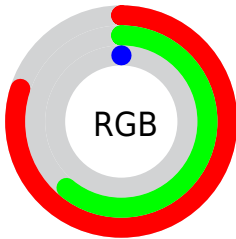
Format	Color
RYB	63, 204, 0
Decimal	13409280
CIELab	66.99, 6.69, 70.85
CIElCh	67, 71.169, 84.606
Yxy	36.6143, 0.4685, 0.4662
Android (android.graphics.Color)	4291599360 (0xFFCC9C00)
YUV	152.5680, -75.2160, 45.1059
Hunter-Lab	60.5098, 2.6370, 37.3320

Details

The Decimal color **13409280** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **12492**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16765515**, and **9464064** is the 20% darker color. If you saturate the color by 10%, you get **13409280**, and if you desaturate by 10%, it is **13410580**.

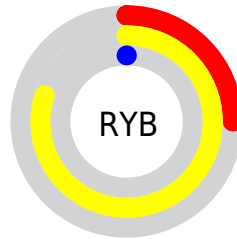
Distribution



Red (80%)

Green (61%)

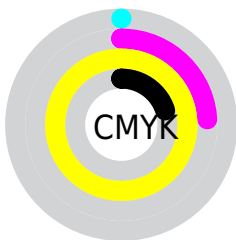
Blue (0%)



Red (25%)

Yellow (80%)

Blue (0%)

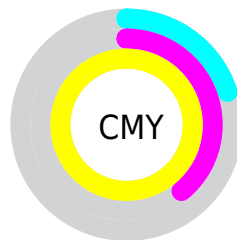


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (20%)



Cyan (20%)



















Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13409280 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 13409280 by changing the saturation by 10% instead.

 13409280	 13409280
 16777215	 11436544
 16765515	 9464064
 16772711	 7622912
 16777091	 5716736
 16777119	 4007168
 16777148	 2363648
 16777176	 0
 16777206	
 13409280	

 13410580

 13411881

 13412925

 13414226

 13415526

 13416826

 13418127

 13419171

 13420472

Harmonies

Analogous

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



16417337



13409280



9416473

Triad

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



13409280



49623



15038958

Complementary

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



13409280



12492

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.



9213951



13409280



48127

Square

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



13409280



49301



44799



16737201

Rectangle

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



13409280



5945408



44799



13468671

Sweetspot

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



13409280



16772531



13369395



8418642



0



8421504

Same Dimension

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



13409280



16761600



10079232



6710364



10911488



2497792

Inverse Universe

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



12492



15615



3342540



6053478



10150



2342

Previews

White Background



This preview shows how the Decimal color 13409280 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 13409280 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 13409280 Background



This preview shows how black text looks on a background with the Decimal color 13409280.



This preview shows how white text looks on a background with the Decimal color 13409280.

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
13409280

Protanopia
12100619

Deuteranopia
13605640



Tritanopia
13930908

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13409280 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 #CC9C00 looks like.

```
.text, #text, p{  
    color:#CC9C00  
}
```

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 #CC9C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9C00
}
```

Border

The CSS property to change the border of an element to Decimal 13409280 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
#CC9C00 }
```

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

```
.border{ border-color:#CC9C00 }
```

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

Here you see how a box with a 4 pixel #CC9C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9C00; -webkit-box-shadow:4px 4px  
4px 4px #CC9C00; box-shadow:4px 4px 4px  
4px #CC9C00 }
```

Background

The CSS property to change the background color of an element to Decimal 13409280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9C00 }
```

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

```
.background{ background-color:#CC9C00 }
```

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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