

Converting Colors

Decimal(13216010)

Have a look what the booklet for
Decimal(13216010) contains.

Decimal(13216010)	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(13216010)

Conversions

Conversions Part 1

Format	Color
Hex	C9A90A
RGB	201, 169, 10
RGB Percent	79%, 66%, 4%
CMY	0.2118, 0.3373, 0.9608
CMYK	0.00, 0.16, 0.95, 0.21
HSL	50°, 91%, 41%
HSV	50°, 95%, 79%
XYZ	38.3301, 40.8154, 6.1451
YIQ	160.4420, 70.1110, -42.6650

Conversions

Conversions Part 2

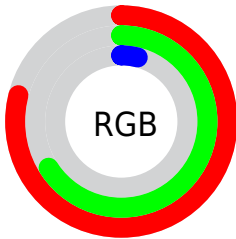
Format	Color
RYB	48, 201, 10
Decimal	13216010
CIELab	70.05, -1.48, 71.64
CIElCh	70, 71.655, 91.186
Yxy	40.8154, 0.4494, 0.4785
Android (android.graphics.Color)	4291406090 (0xFFC9A90A)
YUV	160.4420, -74.1679, 35.5694
Hunter-Lab	63.8869, -4.7076, 39.0179

Details

The Decimal color **13216010** 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 **666313**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **16769105**, and **9336064** is the 20% darker color. If you saturate the color by 10%, you get **13215488**, and if you desaturate by 10%, it is **13216798**.

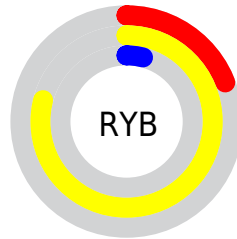
Distribution



Red (79%)

Green (66%)

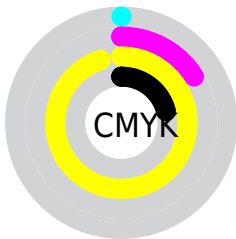
Blue (4%)



Red (19%)

Yellow (79%)

Blue (4%)

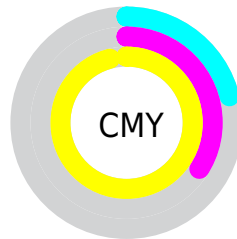


Cyan (0%)

Magenta (16%)

Yellow (95%)

Black (21%)



Cyan (21%)


















Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13216010 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 13216010 by changing the saturation by 10% instead.

 13216010	 13216010
16777215	 11243264
 16769105	 9336064
 16776301	 7494912
 16777097	 5654016
 16777125	 3878912
 16777154	 2235136
 16777183	 0
16777213	
 13216010	 13216010

■ 13215488

■ 13216798

■ 13217842

■ 13218630

■ 13219418

■ 13220463

■ 13221251

■ 13222295

■ 13223083

■ 13223871

Harmonies

Analogous

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



16551989



13216010



8895278

Triad

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



13216010



51693



16481259

Complementary

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



13216010



666313

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.



11442687



13216010



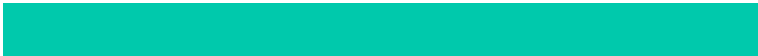
49919

Square

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



13216010



51628



45823



16738987

Rectangle

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



13216010



4899412



45823



15173118

Sweetspot

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



13216010



16774069



13175341



8419411



0



8421504

Same Dimension

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



13216010



16765952



9292042



6513242



10717184



2366976

Inverse Universe

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



666313



11263



4590281



5921635



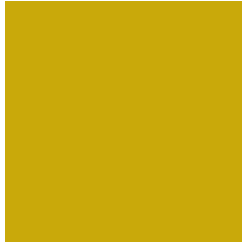
7075



1572

Previews

White Background



This preview shows how the Decimal color 13216010 looks on a white background.

Color Contrast Check

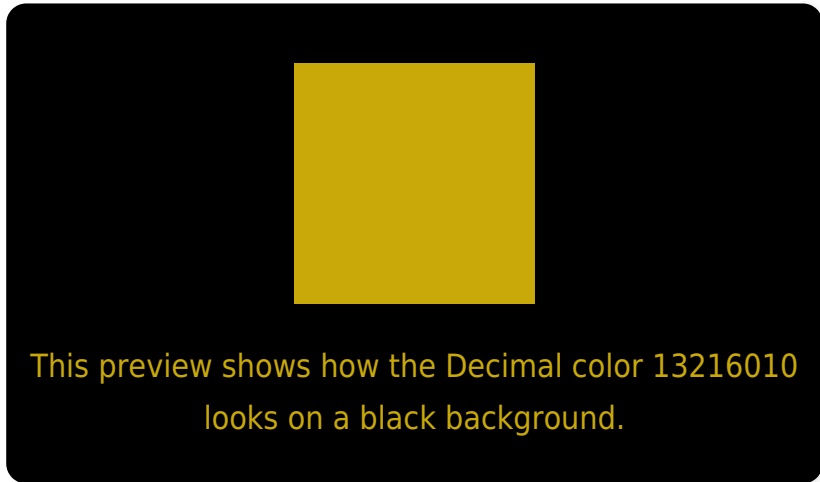
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 13216010 Background



This preview shows how black text looks on a background with the Decimal color 13216010.

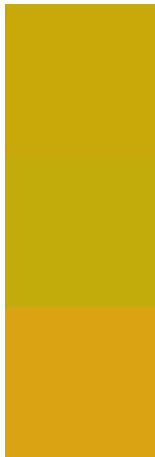


This preview shows how white text looks on a background with the Decimal color 13216010.

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
13216010

Protanopia
12692492

Deuteranopia
14263060



Tritanopia
13802921

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13216010 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 #C9A90A looks like.

```
.text, #text, p{  
    color:#C9A90A  
}
```

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 #C9A90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A90A
}
```

Border

The CSS property to change the border of an element to Decimal 13216010 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
#C9A90A }
```

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

```
.border{ border-color:#C9A90A }
```

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

Here you see how a box with a 4 pixel #C9A90A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A90A; -webkit-box-shadow:4px 4px  
4px 4px #C9A90A; box-shadow:4px 4px 4px  
4px #C9A90A }
```

Background

The CSS property to change the background color of an element to Decimal 13216010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A90A }
```

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

```
.background{ background-color:#C9A90A }
```

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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