

Converting Colors

Decimal(13476620)

Have a look what the booklet for
Decimal(13476620) contains.

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Color

Decimal(13476620)

Conversions

Conversions Part 1

Format	Color
Hex	CDA30C
RGB	205, 163, 12
RGB Percent	80%, 64%, 5%
CMY	0.1961, 0.3608, 0.9529
CMYK	0.00, 0.20, 0.94, 0.20
HSL	47°, 89%, 43%
HSV	47°, 94%, 80%
XYZ	38.3404, 39.2001, 5.8934
YIQ	158.3440, 73.5030, -38.0570

Conversions

Conversions Part 2

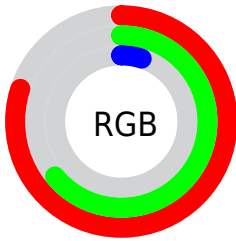
Format	Color
RYB	66, 205, 12
Decimal	13476620
CIELab	68.90, 3.51, 70.72
CIElCh	69, 70.805, 87.160
Yxy	39.2001, 0.4595, 0.4698
Android (android.graphics.Color)	4291666700 (0xFFCDA30C)
YUV	158.3440, -72.1476, 40.9173
Hunter-Lab	62.6100, -0.2596, 38.2460

Details

The Decimal color **13476620** 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 **800461**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16767569**, and **9596928** is the 20% darker color. If you saturate the color by 10%, you get **13475840**, and if you desaturate by 10%, it is **13477665**.

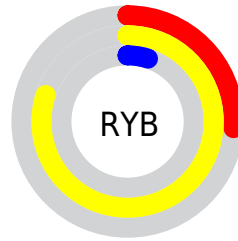
Distribution



Red (80%)

Green (64%)

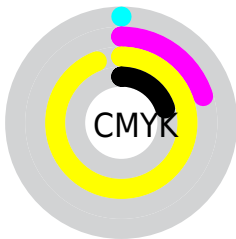
Blue (5%)



Red (26%)

Yellow (80%)

Blue (5%)

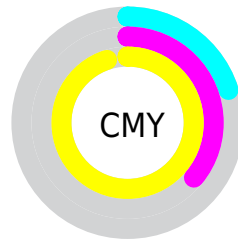


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (20%)



Cyan (20%)



















Magenta (36%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13476620 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 13476620 by changing the saturation by 10% instead.

 13476620	 13476620
16777215	 11503872
 16767569	 9596928
 16774765	 7690240
 16777096	 5849344
 16777125	 4074240
 16777153	 2430720
 16777182	 0
 16777212	
 13476620	 13476620

■ 13475840

■ 13477665

■ 13478965

■ 13480010

■ 13481310

■ 13482355

■ 13483655

■ 13484700

■ 13486000

■ 13487045

Harmonies

Analogous

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



16615738



13476620



9418278

Triad

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



13476620



50913



15695343

Complementary

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



13476620



800461

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.



10263295



13476620



49407

Square

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



13476620



50848



45567



16738737

Rectangle

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



13476620



5750347



45567



14255871

Sweetspot

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



13476620



16773048



13438009



8418900



0



8421504

Same Dimension

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



13476620



16762880



10145036



6710364



10912256



2498048

Inverse Universe

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



800461



14335



4132045



6053478



9382



2086

Previews

White Background



This preview shows how the Decimal color 13476620 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 13476620 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 13476620 Background



This preview shows how black text looks on a background with the Decimal color 13476620.



This preview shows how white text looks on a background with the Decimal color 13476620.

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
13476620

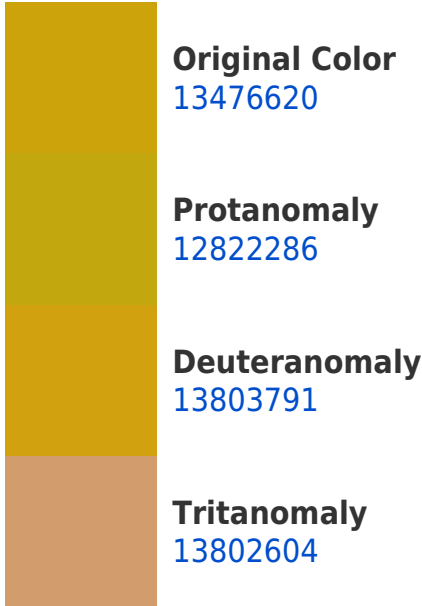
Protanopia
12495119

Deuteranopia
14000145



Tritanopia
13998243

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13476620 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 #CDA30C looks like.

```
.text, #text, p{  
    color:#CDA30C  
}
```

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 #CDA30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA30C
}
```

Border

The CSS property to change the border of an element to Decimal 13476620 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
#CDA30C }
```

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

```
.border{ border-color:#CDA30C }
```

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

Here you see how a box with a 4 pixel #CDA30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA30C; -webkit-box-shadow:4px 4px  
4px 4px #CDA30C; box-shadow:4px 4px 4px  
4px #CDA30C }
```

Background

The CSS property to change the background color of an element to Decimal 13476620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA30C }
```

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

```
.background{ background-color:#CDA30C }
```

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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