

Converting Colors

Decimal(13005824)

Have a look what the booklet for
Decimal(13005824) contains.

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Color

Decimal(13005824)

Conversions

Conversions Part 1

Format	Color
Hex	C67400
RGB	198, 116, 0
RGB Percent	78%, 45%, 0%
CMY	0.2235, 0.5451, 1.0000
CMYK	0.00, 0.41, 1.00, 0.22
HSL	35°, 100%, 39%
HSV	35°, 100%, 78%
XYZ	29.5341, 24.4965, 3.1717
YIQ	127.2940, 86.1080, -18.6920

Conversions

Conversions Part 2

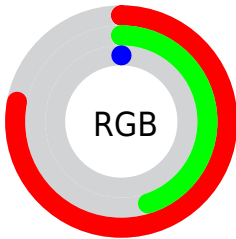
Format	Color
R _Y B	140, 198, 0
Decimal	13005824
CIE Lab	56.58, 25.81, 63.60
CIE LCh	57, 68.640, 67.913
Yxy	24.4965, 0.5163, 0.4282
Android (android.graphics.Color)	4291195904 (0xFFC67400)
YUV	127.2940, -62.7559, 62.0092
Hunter-Lab	49.4940, 19.9002, 30.8464

Details

The Decimal color **13005824** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **21190**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16754755**, and **9061120** is the 20% darker color. If you saturate the color by 10%, you get **13005824**, and if you desaturate by 10%, it is **13007892**.

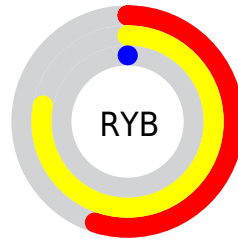
Distribution



Red (78%)

Green (45%)

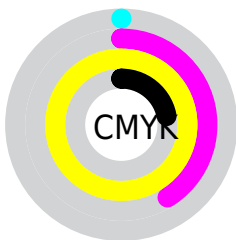
Blue (0%)



Red (55%)

Yellow (78%)

Blue (0%)

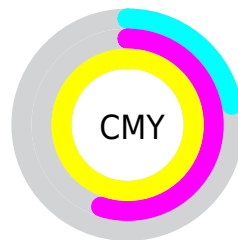


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (22%)



Cyan (22%)



















Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13005824 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 13005824 by changing the saturation by 10% instead.

 13005824	 13005824
 16777215	 10967808
 16754755	 9061120
 16761950	 7089152
 16769145	 5182720
 16776596	 3407872
 16777136	 1507328
 16777164	 0
 16777193	
 13005824	

 13007892

 13009960

 13012283

 13014351

 13016419

 13018487

 13020555

 13022878

 13024946

Harmonies

Analogous

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



15161409



13005824



9800192

Triad

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



13005824



41878



10318055

Complementary

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



13005824



21190

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.



35583



13005824



41424

Square

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



13005824



41048



39671



14308278

Rectangle

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



13005824



7115776



39671



8157938

Sweetspot

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



13005824



16768947



12976210



8416338



0



8421504

Same Dimension

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



13005824



16749824



11978240



6512474



10706944



2364672

Inverse Universe

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



21190



27391



1114310



5922403



17571



3876

Previews

White Background



This preview shows how the Decimal color 13005824 looks on a white background.

Color Contrast Check

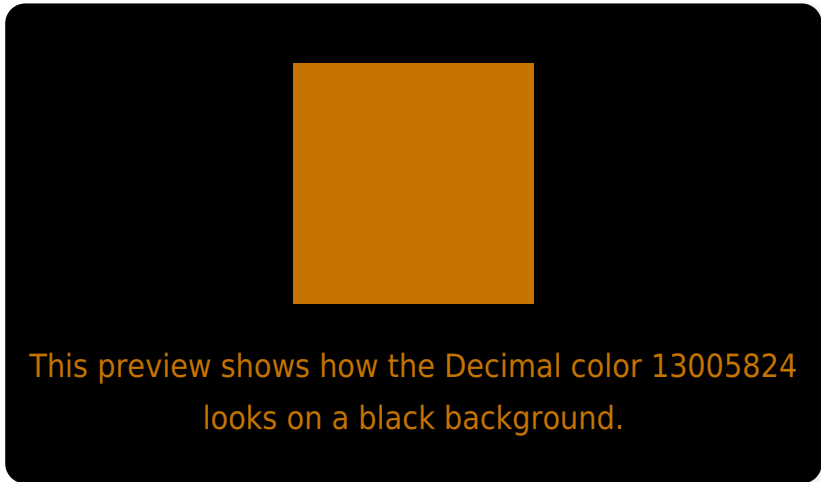
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Decimal 13005824 Background



This preview shows how black text looks on a background with the Decimal color 13005824.



This preview shows how white text looks on a background with the Decimal color 13005824.

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
13005824

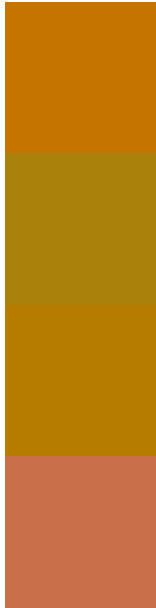
Protanopia
10127631

Deuteranopia
11305216



Tritanopia
13266036

Trichromacy



Original Color
13005824

Protanomaly
11174154

Deuteranomaly
11893760

Tritanomaly
13201226

Monochromacy



Original Color
13005824

Achromatopsia
8355711

Achromatomaly
10058577

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13005824 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 #C67400 looks like.

```
.text, #text, p{  
    color:#C67400  
}
```

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 #C67400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67400
}
```

Border

The CSS property to change the border of an element to Decimal 13005824 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
#C67400 }
```

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

```
.border{ border-color:#C67400 }
```

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

Here you see how a box with a 4 pixel #C67400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67400; -webkit-box-shadow:4px 4px  
4px 4px #C67400; box-shadow:4px 4px 4px  
4px #C67400 }
```

Background

The CSS property to change the background color of an element to Decimal 13005824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67400 }
```

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

```
.background{ background-color:#C67400 }
```

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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