

Converting Colors

Decimal(13004073)

Have a look what the booklet for
Decimal(13004073) contains.

Decimal(13004073)	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(13004073)

Conversions

Conversions Part 1

Format	Color
Hex	C66D29
RGB	198, 109, 41
RGB Percent	78%, 43%, 16%
CMY	0.2235, 0.5725, 0.8392
CMYK	0.00, 0.45, 0.79, 0.22
HSL	26°, 66%, 47%
HSV	26°, 79%, 78%
XYZ	29.1576, 23.1031, 5.0204
YIQ	127.8590, 74.8720, -2.2800

Conversions

Conversions Part 2

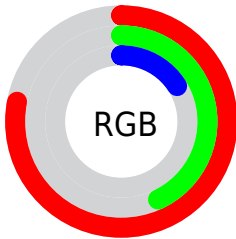
Format	Color
R_{YB}	198, 161, 41
Decimal	13004073
CIE Lab	55.18, 30.41, 51.00
CIE LCh	55, 59.383, 59.194
Yxy	23.1031, 0.5090, 0.4033
Android (android.graphics.Color)	4291194153 (0xFFC66D29)
YUV	127.8590, -42.8215, 61.5137
Hunter-Lab	48.0657, 24.1665, 27.4532

Details

The Decimal color **13004073** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2720454**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16752987**, and **9059328** is the 20% darker color. If you saturate the color by 10%, you get **13001237**, and if you desaturate by 10%, it is **13006909**.

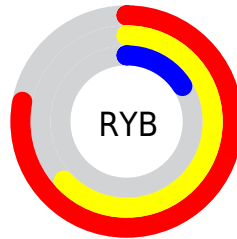
Distribution



Red (78%)

Green (43%)

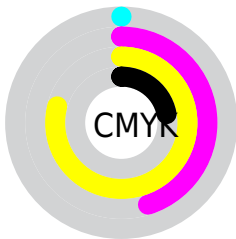
Blue (16%)



Red (78%)

Yellow (63%)

Blue (16%)

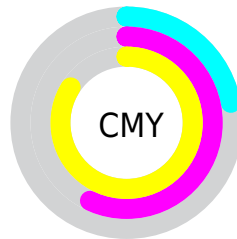


Cyan (0%)

Magenta (45%)

Yellow (79%)

Black (22%)



Cyan (22%)

Magenta (57%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13004073 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 13004073 by changing the saturation by 10% instead.

 13004073

 13004073

16777215

 11031565

 16752987

 9059328

 16760181

 7152640

 16767376

 5245696

 16774571

 3473408

 16777158

 1376256

 16777187

 0

 13004073

 13004073

 13001237

 13006909

 12998401

 13009745

 12998144

 13012836

 13015672

 13018508

 13021344

 13024436

 13027271

 13030107

Harmonies

Analogous

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



14506069



13004073



10453254

Triad

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



13004073



40065



8419294

Complementary

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



13004073



2720454

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.



35819



13004073



40117

Square

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



13004073



890956



38876



12607674

Rectangle

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



13004073



8293393



38876



6258406

Sweetspot

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



13004073



16768194



12986757



8416091



0



8421504

Same Dimension

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



13004073



16741901



13023529



6512218



10700544



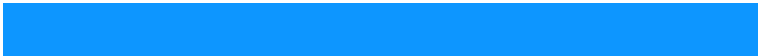
2363136

Inverse Universe

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



2720454



890623



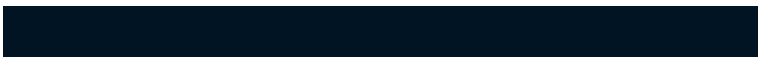
2700998



5922659



23971



5156

Previews

White Background



This preview shows how the Decimal color 13004073 looks on a white background.

Color Contrast Check

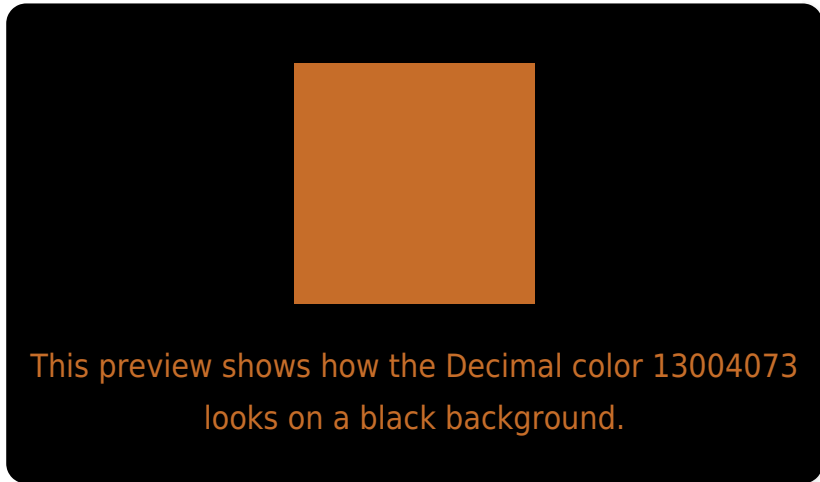
Large Text (above 18pt) WCAG AA ✓ Pass

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 13004073 Background



This preview shows how black text looks on a background with the Decimal color 13004073.



This preview shows how white text looks on a background with the Decimal color 13004073.

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
13004073

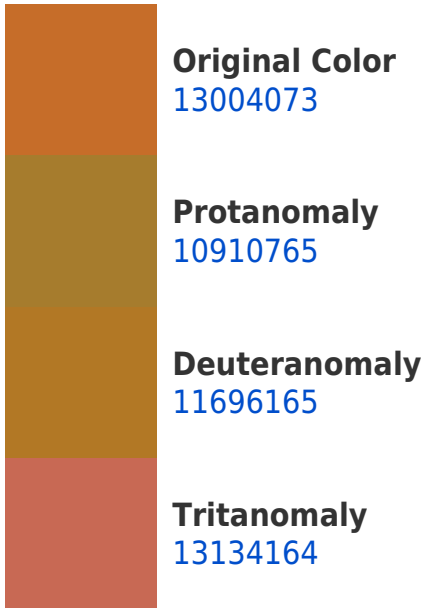
Protanopia
9733423

Deuteranopia
10976803



Tritanopia
13198957

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13004073 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 #C66D29 looks like.

```
.text, #text, p{  
    color:#C66D29  
}
```

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 #C66D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66D29
}
```

Border

The CSS property to change the border of an element to Decimal 13004073 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
#C66D29 }
```

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

```
.border{ border-color:#C66D29 }
```

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

Here you see how a box with a 4 pixel #C66D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66D29; -webkit-box-shadow:4px 4px  
4px 4px #C66D29; box-shadow:4px 4px 4px  
4px #C66D29 }
```

Background

The CSS property to change the background color of an element to Decimal 13004073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66D29 }
```

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

```
.background{ background-color:#C66D29 }
```

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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