

# Converting Colors

Decimal(13263380)

Have a look what the booklet for  
Decimal(13263380) contains.

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# Color

**Decimal(13263380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA6214
RGB	202, 98, 20
RGB Percent	79%, 38%, 8%
CMY	0.2078, 0.6157, 0.9216
CMYK	0.00, 0.51, 0.90, 0.21
HSL	26°, 82%, 44%
HSV	26°, 90%, 79%
XYZ	28.8511, 21.3424, 3.2607
YIQ	120.2040, 87.0220, -2.2100

# Conversions

## Conversions Part 2

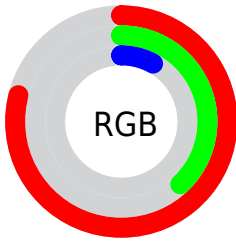
Format	Color
<a href="#">RYB</a>	<a href="#">202, 157, 20</a>
Decimal	<a href="#">13263380</a>
CIELab	<a href="#">53.32, 37.23, 57.41</a>
CIElCh	<a href="#">53, 68.426, 57.040</a>
Yxy	<a href="#">21.3424, 0.5397, 0.3993</a>
Android (android.graphics.Color)	<a href="#">4291453460</a> (0xFFCA6214)
YUV	<a href="#">120.2040, -49.4006, 71.7351</a>
Hunter-Lab	<a href="#">46.1979, 30.6289, 28.1537</a>

# Details

The Decimal color **13263380** 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 **1342666**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16750154**, and **9252864** is the 20% darker color. If you saturate the color by 10%, you get **13260544**, and if you desaturate by 10%, it is **13266472**.

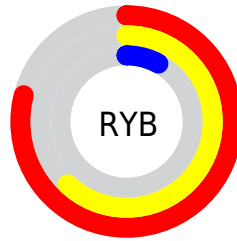
# Distribution



Red (79%)

Green (38%)

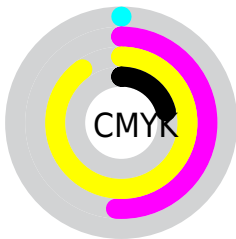
Blue (8%)



Red (79%)

Yellow (62%)

Blue (8%)

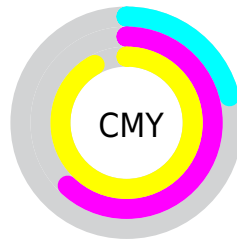


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (62%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13263380 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 13263380 by changing the saturation by 10% instead.



 13263380

 13263380

16777215

 11225344

 16750154

 9252864

 16757348

 7280128

 16764542

 5308416

 16771737

 3538944

 16777140

 1245184

 16777169

 0

 16777197

 13263380

 13263380

■ 13260544

■ 13266472

■ 13269308

■ 13272401

■ 13275237

■ 13278329

■ 13281165

■ 13284257

■ 13287094

■ 13290186

# Harmonies

## Analogous

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



14960206



13263380



10386176

# Triad

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



13263380



39287



7303913

# Complementary

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



13263380



1342666

# 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.



35062



13263380



39348

# Square

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



13263380



38202



38370



12604608

# Rectangle

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



13263380



8029952



38370



3767281



# Sweetspot

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



13263380



16767162



13243518



8415319



0



8421504



# Same Dimension

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



13263380



16739584



13286164



6709340



10897152



2494464

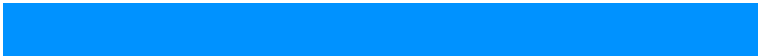


# Inverse Universe

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



1342666



37631



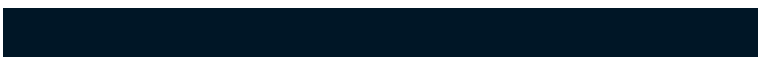
1319882



6054502



24486



5670



# Previews

## White Background



This preview shows how the Decimal color 13263380 looks on a white background.

## Color Contrast Check

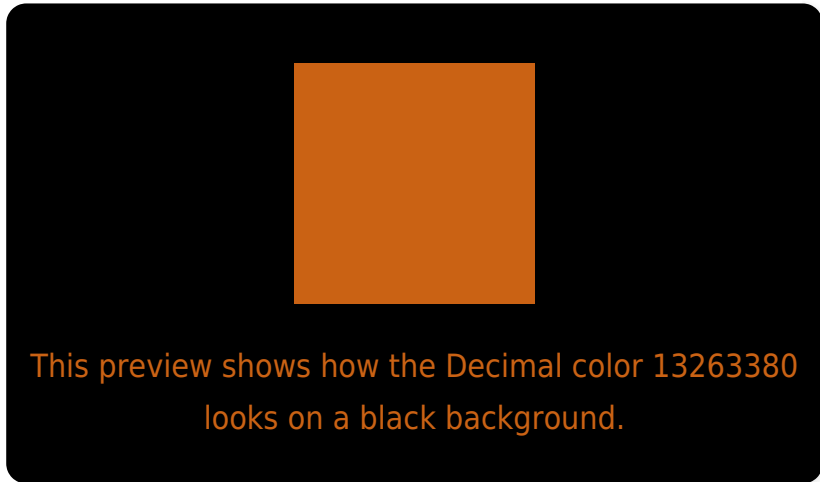
Large Text (above 18pt) WCAG AA ✓ Pass

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 13263380 Background



This preview shows how black text looks on a background with the Decimal color 13263380.



This preview shows how white text looks on a background with the Decimal color 13263380.

# 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**  
13263380

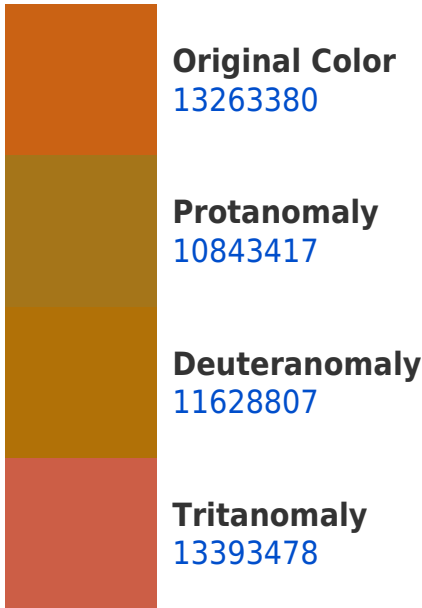
**Protanopia**  
9469980

**Deuteranopia**  
10647808



**Tritanopia**  
13458274

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13263380 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 #CA6214 looks like.

```
.text, #text, p{  
    color:#CA6214  
}
```

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 #CA6214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA6214
}
```

## Border

The CSS property to change the border of an element to Decimal 13263380 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
#CA6214 }
```

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

```
.border{ border-color:#CA6214 }
```

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

Here you see how a box with a 4 pixel #CA6214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA6214; -webkit-box-shadow:4px 4px  
4px 4px #CA6214; box-shadow:4px 4px 4px  
4px #CA6214 }
```

# Background

The CSS property to change the background color of an element to Decimal 13263380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA6214 }
```

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

```
.background{ background-color:#CA6214 }
```

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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