

# Converting Colors

Decimal(13063696)

Have a look what the booklet for  
Decimal(13063696) contains.

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**Color**

**Decimal(13063696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75610
RGB	199, 86, 16
RGB Percent	78%, 34%, 6%
CMY	0.2196, 0.6627, 0.9373
CMYK	0.00, 0.57, 0.92, 0.22
HSL	23°, 85%, 42%
HSV	23°, 92%, 78%
XYZ	26.9745, 18.8351, 2.7040
YIQ	111.8070, 89.8180, 2.1860

# Conversions

## Conversions Part 2

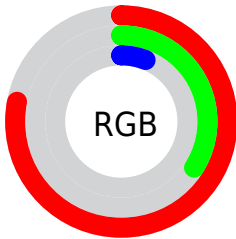
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 129, 16
Decimal	13063696
CIELab	50.49, 41.97, 56.29
CIELCh	50, 70.217, 53.294
Yxy	18.8351, 0.5560, 0.3882
Android (android.graphics.Color)	4291253776 (0xFFC75610)
YUV	111.8070, -47.2329, 76.4683
Hunter-Lab	43.3994, 34.9960, 26.6855

# Details

The Decimal color **13063696** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1081799**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **16747334**, and **8987136** is the 20% darker color. If you saturate the color by 10%, you get **13061120**, and if you desaturate by 10%, it is **13066788**.

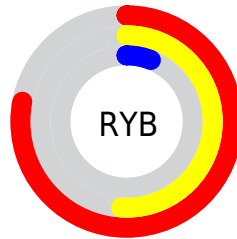
# Distribution



Red (78%)

Green (34%)

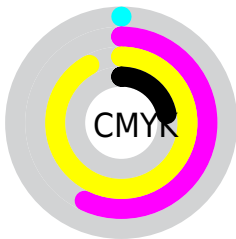
Blue (6%)



Red (78%)

Yellow (51%)

Blue (6%)

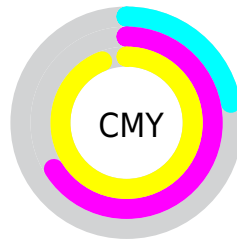


Cyan (0%)

Magenta (57%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (66%)




















Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13063696 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 13063696 by changing the saturation by 10% instead.



 13063696	 13063696
 16777215	 11025408
 16747334	 8987136
 16754271	 7012352
 16761465	 5111808
 16768660	 3407874
 16776111	 196608
 16777163	 0
 16777192	
 13063696	 13063696

■ 13061120

■ 13066788

■ 13070136

■ 13073228

■ 13076320

■ 13079412

■ 13082759

■ 13085851

■ 13088943

■ 13092291

# Harmonies

## Analogous

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



14563149



13063696



10318080

# Triad

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



13063696



37224



5467879

# Complementary

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



13063696



1081799

# 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.



34032



13063696



37542

# Square

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



13063696



36137



36824



11685825

# Rectangle

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



13063696



7962112



36824



30702



# Sweetspot

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



13063696



16765880



13045892



8414548



0



8421504



# Same Dimension

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



13063696



16736768



13086480



6511962



10698240



2362880



# Inverse Universe

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



1081799



40447



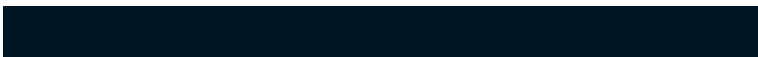
1059015



5922915



26019



5668



# Previews

## White Background



This preview shows how the Decimal color 13063696 looks on a white background.

## Color Contrast Check

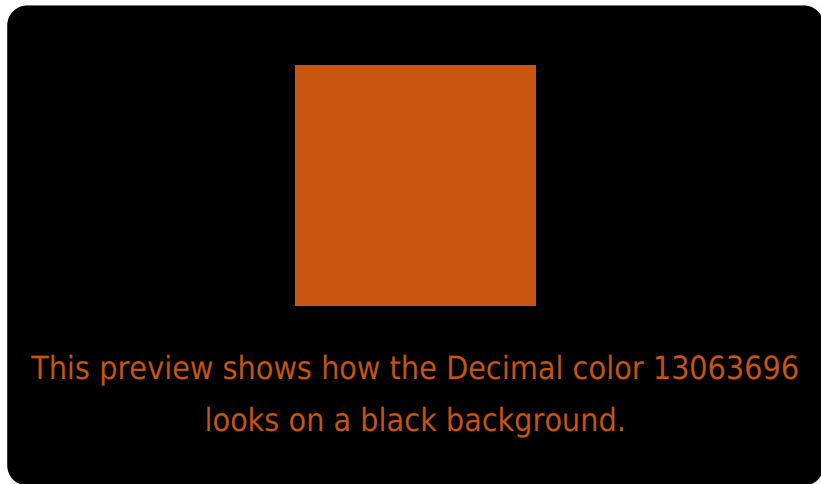
Large Text (above 18pt) WCAG AA ✓ Pass

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 13063696 Background



This preview shows how black text looks on a background with the Decimal color 13063696.



This preview shows how white text looks on a background with the Decimal color 13063696.

# 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**  
13063696

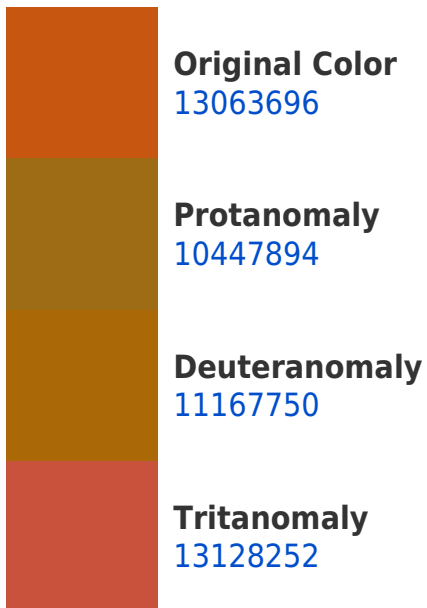
**Protanopia**  
8943898

**Deuteranopia**  
10056448

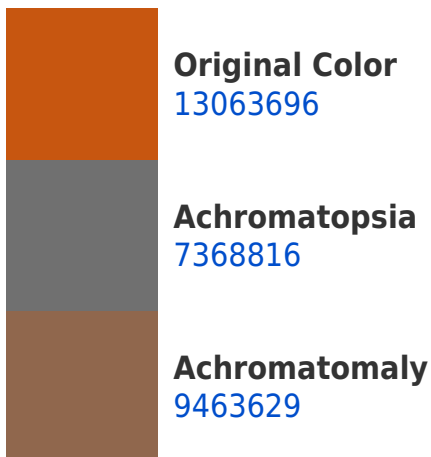


**Tritanopia**  
13193301

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13063696 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 #C75610 looks like.

```
.text, #text, p{  
    color:#C75610  
}
```

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 #C75610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75610
}
```

## Border

The CSS property to change the border of an element to Decimal 13063696 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
#C75610 }
```

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

```
.border{ border-color:#C75610 }
```

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

Here you see how a box with a 4 pixel #C75610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75610; -webkit-box-shadow:4px 4px  
4px 4px #C75610; box-shadow:4px 4px 4px  
4px #C75610 }
```

# Background

The CSS property to change the background color of an element to Decimal 13063696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75610 }
```

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

```
.background{ background-color:#C75610 }
```

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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