

# Converting Colors

Decimal(12672808)

Have a look what the booklet for  
Decimal(12672808) contains.

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**Color**

**Decimal(12672808)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C15F28
RGB	193, 95, 40
RGB Percent	76%, 37%, 16%
CMY	0.2431, 0.6275, 0.8431
CMYK	0.00, 0.51, 0.79, 0.24
HSL	22°, 66%, 46%
HSV	22°, 79%, 76%
XYZ	26.4675, 19.6751, 4.4102
YIQ	118.0320, 76.0630, 3.6710

# Conversions

## Conversions Part 2

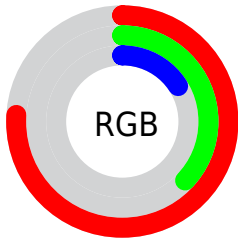
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 126, 40
Decimal	12672808
CIELab	51.47, 35.70, 47.64
CIElCh	51, 59.531, 53.153
Yxy	19.6751, 0.5236, 0.3892
Android (android.graphics.Color)	4290862888 (0xFFC15F28)
YUV	118.0320, -38.4698, 65.7469
Hunter-Lab	44.3566, 28.8867, 25.1547

# Details

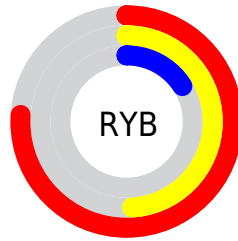
The Decimal color **12672808** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2656961**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16749401**, and **8727808** is the 20% darker color. If you saturate the color by 10%, you get **12669717**, and if you desaturate by 10%, it is **12675899**.

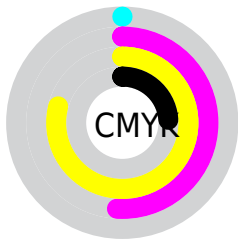
# Distribution



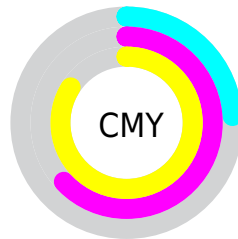
- Red (76%)
- Green (37%)
- Blue (16%)



- Red (76%)
- Yellow (49%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (79%)
- Black (24%)



- Cyan (24%)
- Magenta (63%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12672808 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 12672808 by changing the saturation by 10% instead.



 12672808

 12672808

16777215

 10700302

 16749401

 8727808

 16756339

 6820608

 16763533

 4915200

 16770984

 3211265

 16777155

 0

 16777184

16777213

 12672808

 12672808

12669717

12675899

12666369

12679247

12666112

12682338

12685429

12688777

12691868

12695215

12698306

12701398

# Harmonies

## Analogous

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



13912918



12672808



10318848

# Triad

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



12672808



37229



6451929

# Complementary

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



12672808



2656961

# 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.



34016



12672808



37537

# Square

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



12672808



2264377



36556



11295416

# Rectangle

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



12672808



8290048



36556



3373534



# Sweetspot

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



12672808



16438206



12658827



8218201



16579836



8224125



# Same Dimension

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



12672808



16409100



12692008



6380375



10566144



2165760



# Inverse Universe

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



2656961



828922



2637761



5725537



26529



5409



# Previews

## White Background



This preview shows how the Decimal color 12672808 looks on a white background.

## Color Contrast Check

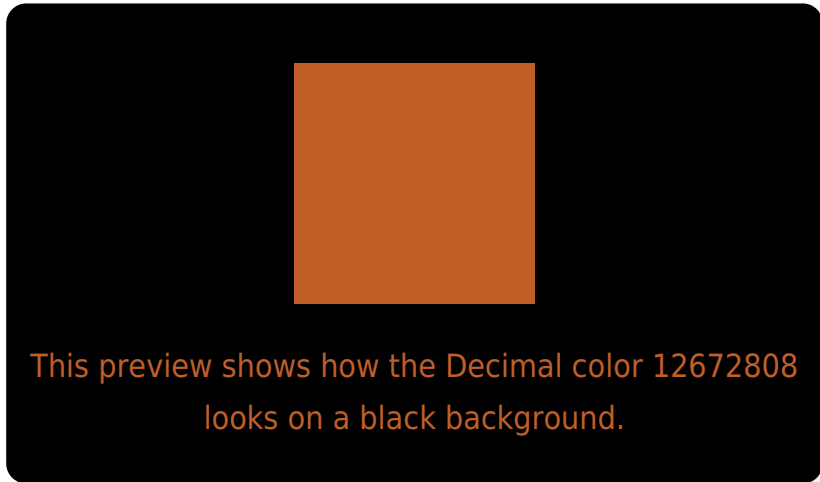
Large Text (above 18pt) WCAG AA ✓ Pass

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

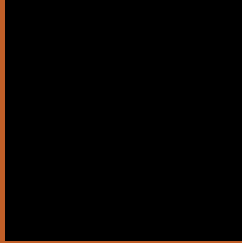
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12672808 Background



This preview shows how black text looks on a background with the Decimal color 12672808.



This preview shows how white text looks on a background with the Decimal color 12672808.

# 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**  
12672808

**Protanopia**  
9009968

**Deuteranopia**  
10188065



# Trichromacy



**Original Color**  
12672808

**Protanomaly**  
10318125

**Deuteranomaly**  
11103524

**Tritanomaly**  
12737355

# Monochromacy



**Original Color**  
12672808

**Achromatopsia**  
7763574

**Achromatomaly**  
9530970

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12672808 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 #C15F28 looks like.

```
.text, #text, p{  
    color:#C15F28  
}
```

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 #C15F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C15F28
}
```

## Border

The CSS property to change the border of an element to Decimal 12672808 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
#C15F28 }
```

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

```
.border{ border-color:#C15F28 }
```

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

Here you see how a box with a 4 pixel #C15F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C15F28; -webkit-box-shadow:4px 4px  
4px 4px #C15F28; box-shadow:4px 4px 4px  
4px #C15F28 }
```

# Background

The CSS property to change the background color of an element to Decimal 12672808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C15F28 }
```

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

```
.background{ background-color:#C15F28 }
```

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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