

# Converting Colors

Decimal(12672310)

Have a look what the booklet for  
Decimal(12672310) contains.

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# Color

**Decimal(12672310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C15D36
RGB	193, 93, 54
RGB Percent	76%, 36%, 21%
CMY	0.2431, 0.6353, 0.7882
CMYK	0.00, 0.52, 0.72, 0.24
HSL	17°, 56%, 48%
HSV	17°, 72%, 76%
XYZ	26.5725, 19.4325, 5.8403
YIQ	118.4540, 72.1190, 9.0710

# Conversions

## Conversions Part 2

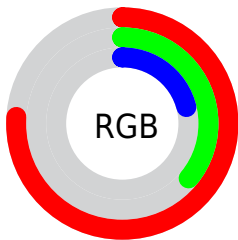
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 108, 54
Decimal	12672310
CIE Lab	51.19, 37.33, 40.42
CIE LCh	51, 55.019, 47.274
Yxy	19.4325, 0.5125, 0.3748
Android (android.graphics.Color)	4290862390 (0xFFC15D36)
YUV	118.4540, -31.7758, 65.3768
Hunter-Lab	44.0823, 30.4546, 23.0024

# Details

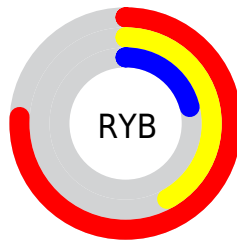
The Decimal color **12672310** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3578561**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **16683367**, and **8727303** is the 20% darker color. If you saturate the color by 10%, you get **12668707**, and if you desaturate by 10%, it is **12675913**.

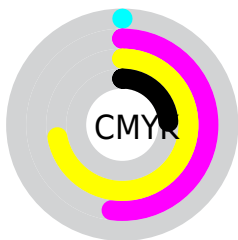
# Distribution



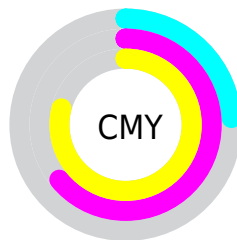
- Red (76%)
- Green (36%)
- Blue (21%)



- Red (76%)
- Yellow (42%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (64%)
- Yellow (79%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 12672310 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 12672310 by changing the saturation by 10% instead.



 12672310       12672310

16777215       10699807

 16683367       8727303

 16755840       6819584

 16763034       4915200

 16770485       3276801

 16777169       0

 16777198

 12672310       12672310

 12668707       12675913

■ 12665103

■ 12679517

■ 12662272

■ 12683120

■ 12686723

■ 12690071

■ 12693674

■ 12697277

■ 12700880

■ 12704484

# Harmonies

## Analogous

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



13585761



12672310



10645523

# Triad

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



12672310



36708



5338836

# Complementary

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



12672310



3578561

# 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.



34262



12672310



37012

# Square

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



12672310



4164150



36286



10379706

# Rectangle

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



12672310



8878858



36286



1473752

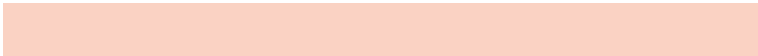


# Sweetspot

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



12672310



16437955



12662428



8218204



16579836



8224125



# Same Dimension

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



12672310



16408355



12689718



6380119



10562816



2164992



# Inverse Universe

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



3578561



2342650



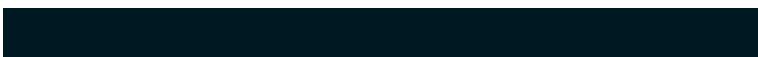
3561153



5725793



29857

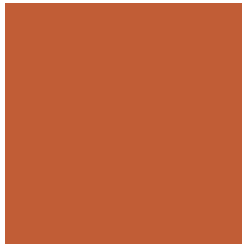


6177



# Previews

## White Background



This preview shows how the Decimal color 12672310 looks on a white background.

## Color Contrast Check

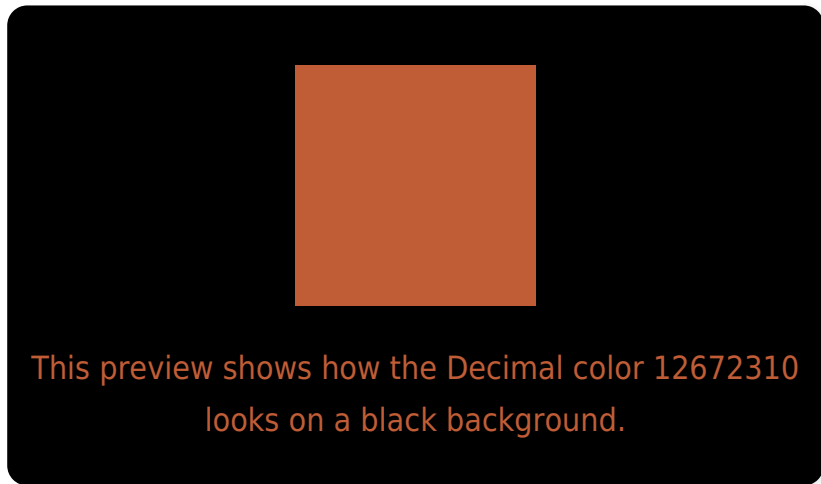
Large Text (above 18pt) WCAG AA ✓ Pass

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 12672310 Background



This preview shows how black text looks on a background with the Decimal color 12672310.



This preview shows how white text looks on a background with the Decimal color 12672310.

# 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**  
12672310

**Protanopia**  
8878911

**Deuteranopia**  
9991216



# Trichromacy



**Original Color**  
12672310

**Protanomaly**  
10252348

**Deuteranomaly**  
10972210

**Tritanomaly**  
12737103

# Monochromacy



**Original Color**  
12672310

**Achromatopsia**  
7763574

**Achromatomaly**  
9530719

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12672310 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 #C15D36 looks like.

```
.text, #text, p{  
    color:#C15D36  
}
```

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 #C15D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C15D36
}
```

## Border

The CSS property to change the border of an element to Decimal 12672310 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
#C15D36 }
```

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

```
.border{ border-color:#C15D36 }
```

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

Here you see how a box with a 4 pixel #C15D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C15D36; -webkit-box-shadow:4px 4px  
4px 4px #C15D36; box-shadow:4px 4px 4px  
4px #C15D36 }
```

# Background

The CSS property to change the background color of an element to Decimal 12672310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C15D36 }
```

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

```
.background{ background-color:#C15D36 }
```

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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