

# Converting Colors

Decimal(12655360)

Have a look what the booklet for  
Decimal(12655360) contains.

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# Color

**Decimal(12655360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C11B00
RGB	193, 27, 0
RGB Percent	76%, 11%, 0%
CMY	0.2431, 0.8941, 1.0000
CMYK	0.00, 0.86, 1.00, 0.24
HSL	8°, 100%, 38%
HSV	8°, 100%, 76%
XYZ	22.3843, 12.1213, 1.1599
YIQ	73.5560, 107.6030, 26.7950

# Conversions

## Conversions Part 2

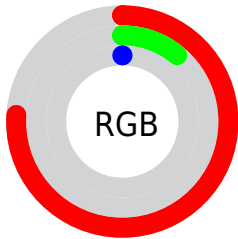
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 31, 0
Decimal	12655360
CIELab	41.41, 61.32, 54.97
CIELCh	41, 82.356, 41.875
Yxy	12.1213, 0.6276, 0.3399
Android (android.graphics.Color)	4290845440 (0xFFC11B00)
YUV	73.5560, -36.2631, 104.7524
Hunter-Lab	34.8157, 53.8366, 22.3958

# Details

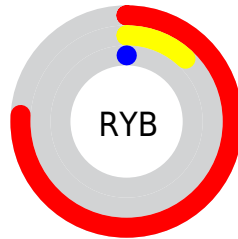
The Decimal color **12655360** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **42689**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **16735285**, and **8454144** is the 20% darker color. If you saturate the color by 10%, you get **12655360**, and if you desaturate by 10%, it is **12659731**.

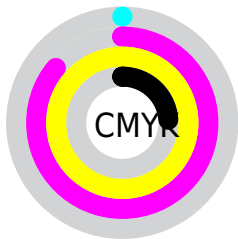
# Distribution



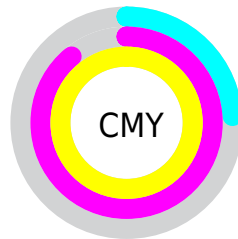
- Red (76%)
- Green (11%)
- Blue (0%)



- Red (76%)
- Yellow (12%)
- Blue (0%)



- Cyan (0%)
- Magenta (86%)
- Yellow (100%)
- Black (24%)



- Cyan (24%)
- Magenta (89%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12655360 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 12655360 by changing the saturation by 10% instead.



 12655360

 12655360

 16777199

 10551296

 16735285

 8454144

 16742477

 6422528

 16749670

 4521986

 16757120

 2490369

 16764571

 0

 16772022

 16777170

 12655360

 12659731

 12663847

 12668218

 12672333

 12676705

 12681076

 12685191

 12689562

 12693678

# Harmonies

## Analogous

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



13762635



12655360



9981696

# Triad

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



12655360



31284



25577

# Complementary

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



12655360



42689

# 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.



30181



12655360



31868

# Square

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



12655360



29696



31932



8404424

# Rectangle

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



12655360



7627008



31932



27628



# Sweetspot

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



12655360



16431535



12648615



8214096



16579836



8224125



# Same Dimension

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



12655360



16392960



12679680



6379863



10556928



2163968



# Inverse Universe

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



42689



55290



18369



5726305



35489



7457



# Previews

## White Background



This preview shows how the Decimal color 12655360 looks on a white background.

## Color Contrast Check

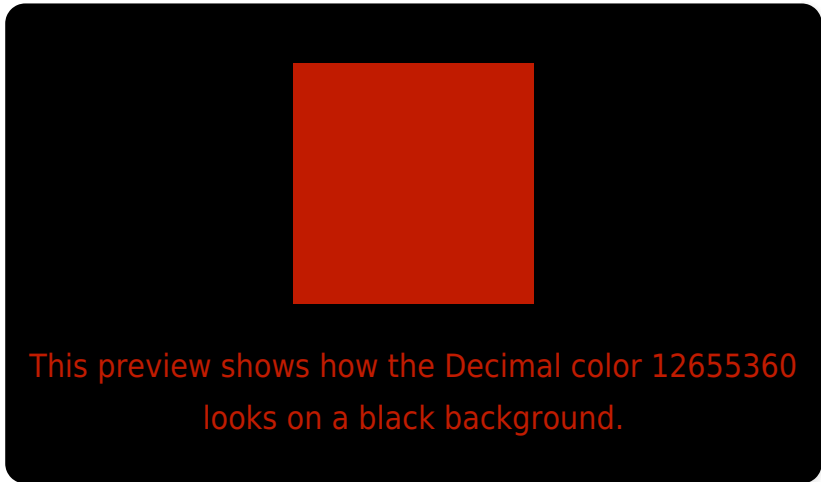
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 12655360 Background



This preview shows how black text looks on a background with the Decimal color 12655360.



This preview shows how white text looks on a background with the Decimal color 12655360.

# 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



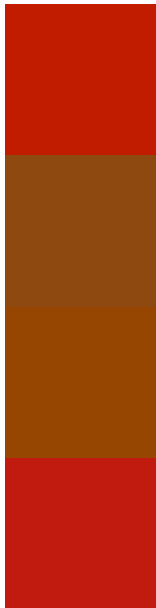
**Original Color**  
12655360

**Protanopia**  
7299864

**Deuteranopia**  
8216064



# Trichromacy



**Original Color**  
12655360

**Protanomaly**  
9259279

**Deuteranomaly**  
9848320

**Tritanomaly**  
12655118

# Monochromacy



**Original Color**  
12655360

**Achromatopsia**  
4868682

**Achromatomaly**  
7682351

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12655360 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 #C11B00 looks like.

```
.text, #text, p{  
  color:#C11B00  
}
```

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 #C11B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11B00
}
```

## Border

The CSS property to change the border of an element to Decimal 12655360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

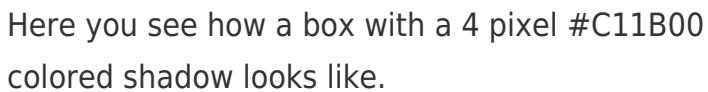
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C11B00 }
```

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

```
.border{ border-color:#C11B00 }
```

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



Here you see how a box with a 4 pixel `#C11B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11B00; -webkit-box-shadow:4px 4px  
4px 4px #C11B00; box-shadow:4px 4px 4px  
4px #C11B00 }
```

# Background

The CSS property to change the background color of an element to Decimal 12655360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11B00 }
```

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

```
.background{ background-color:#C11B00 }
```

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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