

# Converting Colors

Decimal(12663815)

Have a look what the booklet for  
Decimal(12663815) contains.

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# Color

**Decimal(12663815)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13C07
RGB	193, 60, 7
RGB Percent	76%, 24%, 3%
CMY	0.2431, 0.7647, 0.9725
CMYK	0.00, 0.69, 0.96, 0.24
HSL	17°, 93%, 39%
HSV	17°, 96%, 76%
XYZ	23.6465, 14.5845, 1.7698
YIQ	93.7250, 96.2810, 11.7130

# Conversions

## Conversions Part 2

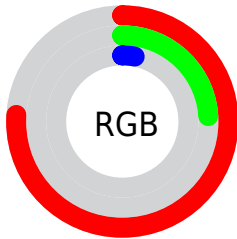
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 81, 7
Decimal	12663815
CIELab	45.06, 51.28, 54.61
CIELCh	45, 74.916, 46.802
Yxy	14.5845, 0.5912, 0.3646
Android (android.graphics.Color)	4290853895 (0xFFC13C07)
YUV	93.7250, -42.7554, 87.0642
Hunter-Lab	38.1897, 43.6928, 23.9851

# Details

The Decimal color **12663815** 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 **494785**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16740925**, and **8519680** is the 20% darker color. If you saturate the color by 10%, you get **12662528**, and if you desaturate by 10%, it is **12667418**.

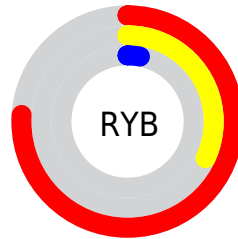
# Distribution



Red (76%)

Green (24%)

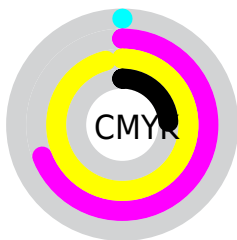
Blue (3%)



Red (76%)

Yellow (32%)

Blue (3%)

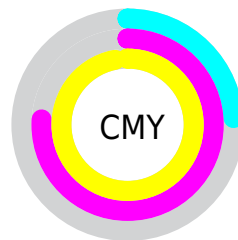


Cyan (0%)

Magenta (69%)

Yellow (96%)

Black (24%)



Cyan (24%)

Magenta (76%)


















Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12663815 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 12663815 by changing the saturation by 10% instead.



 12663815	 12663815
 16777209	 10624512
 16740925	 8519680
 16748118	 6553600
 16755311	 4587520
 16762506	 2818049
 16769957	 0
 16777152	
 16777181	
 12663815	 12663815

■ 12662528

■ 12667418

■ 12671022

■ 12674369

■ 12677972

■ 12681575

■ 12685179

■ 12688782

■ 12692129

■ 12695733

# Harmonies

## Analogous

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



13893707



12663815



10051072

# Triad

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



12663815



33612



26596

# Complementary

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



12663815



494785

# 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.



31462



12663815



34189

# Square

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



12663815



32256



33734



9848257

# Rectangle

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



12663815



7761152



33734



28649



# Sweetspot

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



12663815



16434865



12650380



8216145



16579836



8224125



# Same Dimension

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



12663815



16402176



12687623



6380119



10563072



2164992



# Inverse Universe

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



494785



46074



470977



5725793



29601



6177



# Previews

## White Background



This preview shows how the Decimal color 12663815 looks on a white background.

## Color Contrast Check

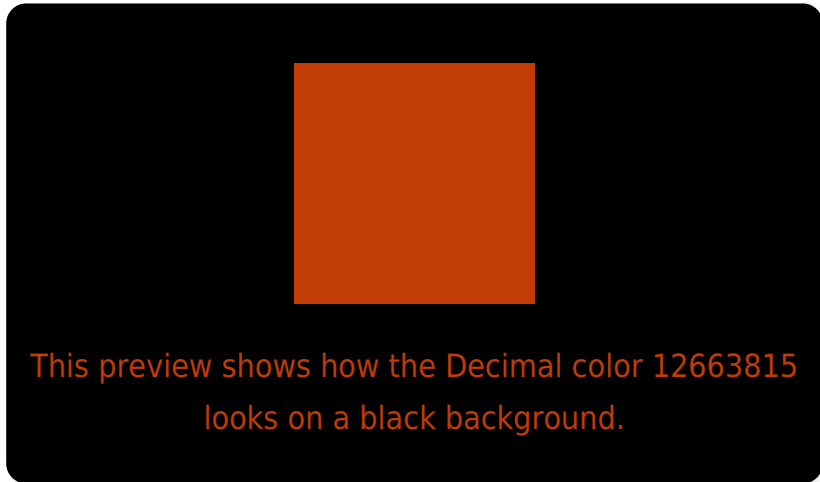
Large Text (above 18pt) WCAG AA ✓ Pass

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 12663815 Background



This preview shows how black text looks on a background with the Decimal color 12663815.



This preview shows how white text looks on a background with the Decimal color 12663815.

# 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



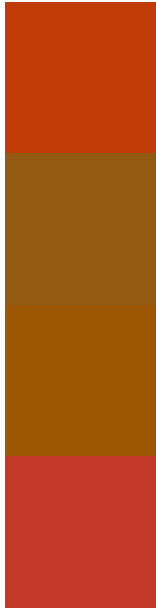
**Original Color**  
12663815

**Protanopia**  
7957526

**Deuteranopia**  
8939008



# Trichromacy



**Original Color**  
12663815

**Protanomaly**  
9657105

**Deuteranomaly**  
10311427

**Tritanomaly**  
12728616

# Monochromacy



**Original Color**  
12663815

**Achromatopsia**  
6184542

**Achromatomaly**  
8540734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12663815 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 #C13C07 looks like.

```
.text, #text, p{  
  color:#C13C07  
}
```

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 #C13C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13C07
}
```

## Border

The CSS property to change the border of an element to Decimal 12663815 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
#C13C07 }
```

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

```
.border{ border-color:#C13C07 }
```

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

Here you see how a box with a 4 pixel #C13C07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13C07; -webkit-box-shadow:4px 4px  
4px 4px #C13C07; box-shadow:4px 4px 4px  
4px #C13C07 }
```

# Background

The CSS property to change the background color of an element to Decimal 12663815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13C07 }
```

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

```
.background{ background-color:#C13C07 }
```

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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