

Converting Colors

Decimal(12676163)

Have a look what the booklet for
Decimal(12676163) contains.

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Color

Decimal(12676163)

Conversions

Conversions Part 1

Format	Color
Hex	C16C43
RGB	193, 108, 67
RGB Percent	76%, 42%, 26%
CMY	0.2431, 0.5765, 0.7373
CMYK	0.00, 0.44, 0.65, 0.24
HSL	20°, 50%, 51%
HSV	20°, 65%, 76%
XYZ	28.3680, 22.4678, 8.1518
YIQ	128.7410, 63.8210, 5.2690

Conversions

Conversions Part 2

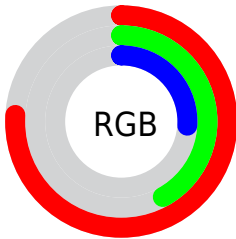
Format	Color
RYB	193, 128, 67
Decimal	12676163
CIELab	54.52, 30.18, 37.29
CIElCh	55, 47.974, 51.019
Yxy	22.4678, 0.4809, 0.3809
Android (android.graphics.Color)	4290866243 (0xFFC16C43)
YUV	128.7410, -30.4383, 56.3551
Hunter-Lab	47.4002, 23.8779, 22.9836

Details

The Decimal color **12676163** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4430017**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16621684**, and **8796949** is the 20% darker color. If you saturate the color by 10%, you get **12672816**, and if you desaturate by 10%, it is **12679510**.

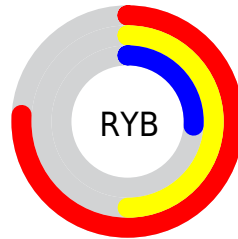
Distribution



Red (76%)

Green (42%)

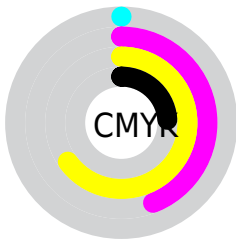
Blue (26%)



Red (76%)

Yellow (50%)

Blue (26%)

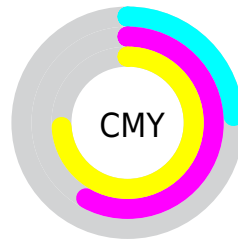


Cyan (0%)

Magenta (44%)

Yellow (65%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12676163 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 12676163 by changing the saturation by 10% instead.

 12676163  12676163

16777215  10703660

 16621684  8796949

 16759950  6955776

 16767145  5114368

 16774340  3342336

 16777185  1048576

16777213  0

 12676163  12676163

 12672816  12679510

 12669468

 12682858

 12666121

 12686205

 12664576

 12689552

 12692899

 12696247

 12699594

 12702941

 12706289

Harmonies

Analogous

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



13590375



12676163



10779693

Triad

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



12676163



38516



7306704

Complementary

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



12676163



4430017

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.



35796



12676163



38815

Square

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



12676163



4952652



37826



11103159

Rectangle

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



12676163



9143595



37826



5472980

Sweetspot

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



12676163



16439496



12665753



8218975



16579836



8224125

Same Dimension

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



12676163



16414263



12692035



6380119



10564608



2165504

Inverse Universe

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



4430017



3652346



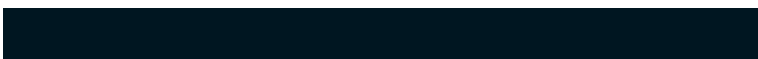
4414145



5725793



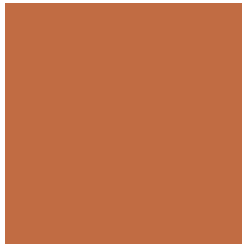
27809



5665

Previews

White Background



This preview shows how the Decimal color 12676163 looks on a white background.

Color Contrast Check

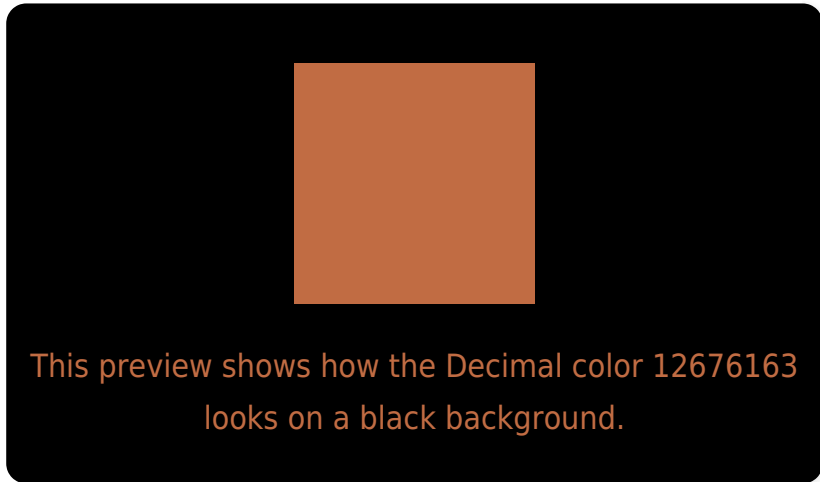
Large Text (above 18pt) WCAG AA ✓ Pass

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

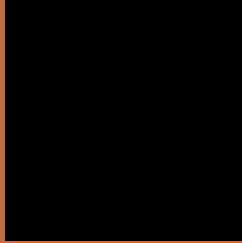
Any Text WCAG AA ✓ Pass

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 12676163 Background



This preview shows how black text looks on a background with the Decimal color 12676163.



This preview shows how white text looks on a background with the Decimal color 12676163.

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



Trichromacy



Original Color
12676163

Protanomaly
10648392

Deuteranomaly
11368256

Tritanomaly
12806494

Monochromacy



Original Color
12676163

Achromatopsia
8487297

Achromatomaly
9992554

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12676163 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 #C16C43 looks like.

```
.text, #text, p{  
    color:#C16C43  
}
```

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 #C16C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16C43
}
```

Border

The CSS property to change the border of an element to Decimal 12676163 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
#C16C43 }
```

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

```
.border{ border-color:#C16C43 }
```

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

Here you see how a box with a 4 pixel #C16C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16C43; -webkit-box-shadow:4px 4px  
4px 4px #C16C43; box-shadow:4px 4px 4px  
4px #C16C43 }
```

Background

The CSS property to change the background color of an element to Decimal 12676163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16C43 }
```

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

```
.background{ background-color:#C16C43 }
```

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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