

Converting Colors

Decimal(12680732)

Have a look what the booklet for
Decimal(12680732) contains.

Decimal(12680732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12680732)

Conversions

Conversions Part 1

Format	Color
Hex	C17E1C
RGB	193, 126, 28
RGB Percent	76%, 49%, 11%
CMY	0.2431, 0.5059, 0.8902
CMYK	0.00, 0.35, 0.85, 0.24
HSL	36°, 75%, 43%
HSV	36°, 85%, 76%
XYZ	29.6628, 26.3430, 4.6199
YIQ	134.8610, 71.3900, -16.2740

Conversions

Conversions Part 2

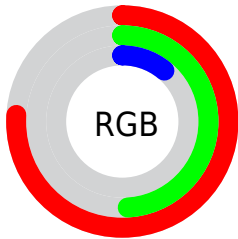
Format	Color
R_{YB}	141, 193, 28
Decimal	12680732
CIE Lab	58.36, 18.63, 58.45
CIE LCh	58, 61.349, 72.322
Yxy	26.3430, 0.4893, 0.4345
Android (android.graphics.Color)	4290870812 (0xFFC17E1C)
YUV	134.8610, -52.6825, 50.9879
Hunter-Lab	51.3254, 13.3419, 30.5910

Details

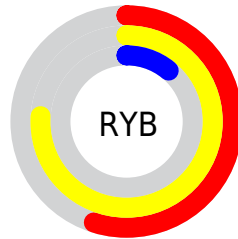
The Decimal color **12680732** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1859521**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16692051**, and **8801536** is the 20% darker color. If you saturate the color by 10%, you get **12678665**, and if you desaturate by 10%, it is **12682799**.

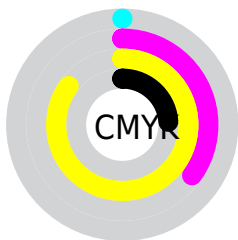
Distribution



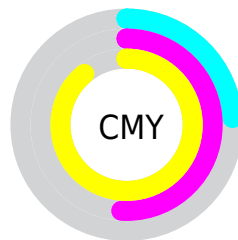
- Red (76%)
- Green (49%)
- Blue (11%)



- Red (55%)
- Yellow (76%)
- Blue (11%)



- Cyan (0%)
- Magenta (35%)
- Yellow (85%)
- Black (24%)






















- Cyan (24%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12680732 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 12680732 by changing the saturation by 10% instead.

 12680732	 12680732
 16777215	 10708224
 16692051	 8801536
 16764525	 6895104
 16771720	 5054464
 16777123	 3279616
 16777151	 1572865
 16777179	 0
 16777209	
 12680732	 12680732

■ 12678665

■ 12682799

■ 12677888

■ 12684867

■ 12686934

■ 12688745

■ 12690813

■ 12692880

■ 12694947

■ 12697014

■ 12699082

Harmonies

Analogous

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



14837574



12680732



9605390

Triad

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



12680732



42658



11236572

Complementary

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



12680732



1859521

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.



4492278



12680732



41940

Square

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



12680732



42090



39923



14507694

Rectangle

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



12680732



7182887



39923



9600232

Sweetspot

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



12680732



16441529



12655713



8219990



16579836



8224125

Same Dimension

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



12680732



16421888



11780380



6380887



10575616



2167808

Inverse Universe

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



1859521



26106



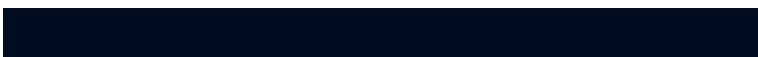
2759873



5725025



16801



3361

Previews

White Background



This preview shows how the Decimal color 12680732 looks on a white background.

Color Contrast Check

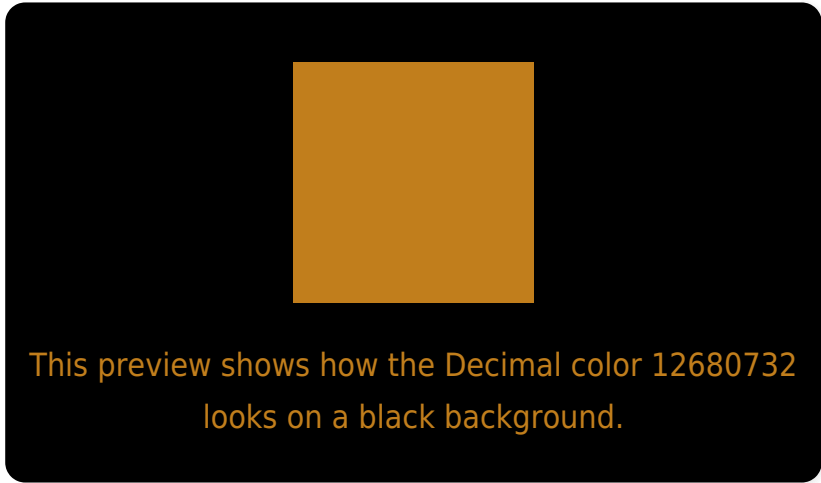
Large Text (above 18pt) WCAG AA ✓ Pass

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 12680732 Background



This preview shows how black text looks on a background with the Decimal color 12680732.



This preview shows how white text looks on a background with the Decimal color 12680732.

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
12680732

Protanopia
10390816

Deuteranopia
11699479



Tritanopia
13006206

Trichromacy



Original Color
12680732

Protanomaly
11241503

Deuteranomaly
12026393

Tritanomaly
12875866

Monochromacy



Original Color
12680732

Achromatopsia
8882055

Achromatomaly
10257504

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12680732 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 #C17E1C looks like.

```
.text, #text, p{  
    color:#C17E1C  
}
```

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 #C17E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17E1C
}
```

Border

The CSS property to change the border of an element to Decimal 12680732 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
#C17E1C }
```

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

```
.border{ border-color:#C17E1C }
```

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

Here you see how a box with a 4 pixel #C17E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17E1C; -webkit-box-shadow:4px 4px  
4px 4px #C17E1C; box-shadow:4px 4px 4px  
4px #C17E1C }
```

Background

The CSS property to change the background color of an element to Decimal 12680732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17E1C }
```

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

```
.background{ background-color:#C17E1C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor