

# Converting Colors

Decimal(12745260)

Have a look what the booklet for  
Decimal(12745260) contains.

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# Color

**Decimal(12745260)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C27A2C                     |
| RGB           | 194, 122, 44               |
| RGB Percent   | 76%, 48%, 17%              |
| CMY           | 0.2392, 0.5216, 0.8275     |
| CMYK          | 0.00, 0.37, 0.77, 0.24     |
| HSL           | 31°, 63%, 47%              |
| HSV           | 31°, 77%, 76%              |
| XYZ           | 29.6623, 25.5703, 5.7551   |
| YIQ           | 134.6360, 67.9500, -8.9940 |

# Conversions

## Conversions Part 2

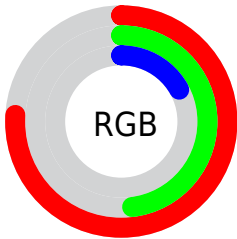
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 182, 194, 44                   |
| Decimal                             | 12745260                       |
| CIE Lab                             | 57.63, 21.79, 51.89            |
| CIE LCh                             | 58, 56.277, 67.217             |
| Yxy                                 | 25.5703, 0.4864,<br>0.4193     |
| Android<br>(android.graphics.Color) | 4290935340<br>(0xFFC27A2C)     |
| YUV                                 | 134.6360, -44.6835,<br>52.0622 |
| Hunter-Lab                          | 50.5670, 16.2146,<br>28.6491   |

# Details

The Decimal color **12745260** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2913474**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16756575**, and **8866048** is the 20% darker color. If you saturate the color by 10%, you get **12742937**, and if you desaturate by 10%, it is **12747583**.

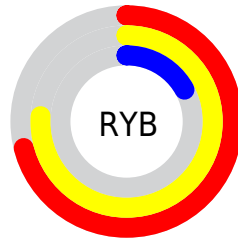
# Distribution



Red (76%)

Green (48%)

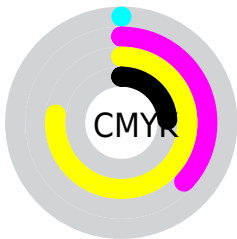
Blue (17%)



Red (71%)

Yellow (76%)

Blue (17%)

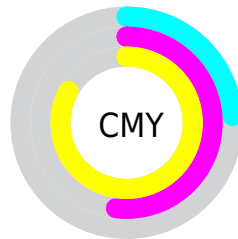


Cyan (0%)

Magenta (37%)

Yellow (77%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12745260 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 12745260 by changing the saturation by 10% instead.



 12745260

 12745260

16777215

 10772752

 16756575

 8866048

 16763513

 7025152

 16770708

 5118976

 16777135

 3343872

 16777163

 1572865

 16777192

 0

 12745260

 12745260

 12742937

 12747583

■ 12740357

■ 12750163

■ 12739840

■ 12752486

■ 12754810

■ 12757389

■ 12759712

■ 12762036

■ 12764359

■ 12766939

# Harmonies

## Analogous

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



14509649



12745260



10062877

# Triad

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



12745260



41621



10254553

# Complementary

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



12745260



2913474

# 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.



3443948



12745260



41413

# Square

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



12745260



40802



39653



13591730

# Rectangle

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



12745260



7902507



39653



8617954



# Sweetspot

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



12745260



16572866



12725365



8416860



0



8421504



# Same Dimension

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



12745260



16550930



12632620



6380631



10572800



2167040



# Inverse Universe

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



2913474



1213180



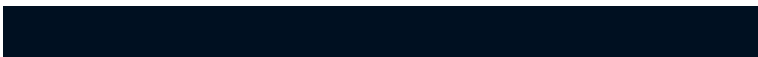
3091650



5725281



19873

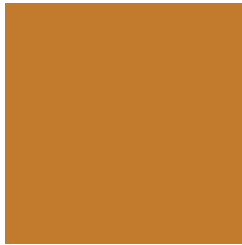


4129



# Previews

## White Background



This preview shows how the Decimal color 12745260 looks on a white background.

## Color Contrast Check

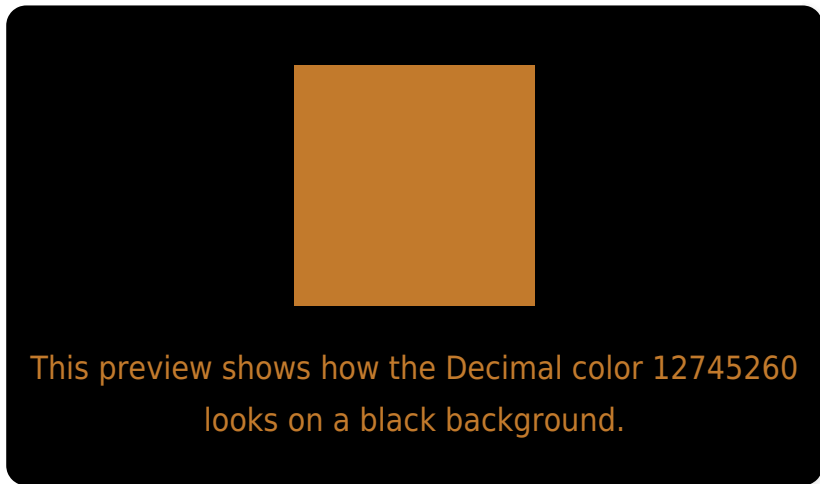
Large Text (above 18pt) WCAG AA ✓ Pass

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 12745260 Background



This preview shows how black text looks on a background with the Decimal color 12745260.



This preview shows how white text looks on a background with the Decimal color 12745260.

# 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**  
12745260

**Protanopia**  
10193713

**Deuteranopia**  
11437096



**Tritanopia**  
13005435

# Trichromacy



**Original Color**  
12745260

**Protanomaly**  
11109679

**Deuteranomaly**  
11894825

**Tritanomaly**  
12940638

# Monochromacy



**Original Color**  
12745260

**Achromatopsia**  
8882055

**Achromatomaly**  
10256998

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12745260 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 #C27A2C looks like.

```
.text, #text, p{  
  color:#C27A2C  
}
```

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 #C27A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27A2C
}
```

## Border

The CSS property to change the border of an element to Decimal 12745260 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
#C27A2C }
```

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

```
.border{ border-color:#C27A2C }
```

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

Here you see how a box with a 4 pixel #C27A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27A2C; -webkit-box-shadow:4px 4px  
4px 4px #C27A2C; box-shadow:4px 4px 4px  
4px #C27A2C }
```

# Background

The CSS property to change the background color of an element to Decimal 12745260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27A2C }
```

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

```
.background{ background-color:#C27A2C }
```

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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