

# Converting Colors

Decimal(12746025)

Have a look what the booklet for  
Decimal(12746025) contains.

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# Color

**Decimal(12746025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C27D29
RGB	194, 125, 41
RGB Percent	76%, 49%, 16%
CMY	0.2392, 0.5098, 0.8392
CMYK	0.00, 0.36, 0.79, 0.24
HSL	33°, 65%, 46%
HSV	33°, 79%, 76%
XYZ	29.9820, 26.2967, 5.5934
YIQ	136.0550, 68.0880, -11.4960

# Conversions

## Conversions Part 2

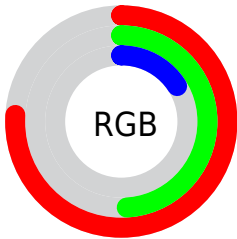
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 194, 41
Decimal	12746025
CIELab	58.32, 20.03, 53.79
CIElCh	58, 57.395, 69.575
Yxy	26.2967, 0.4846, 0.4250
Android (android.graphics.Color)	4290936105 (0xFFC27D29)
YUV	136.0550, -46.8621, 50.8178
Hunter-Lab	51.2803, 14.6230, 29.4292

# Details

The Decimal color **12746025** 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 **2715330**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16757341**, and **8866816** is the 20% darker color. If you saturate the color by 10%, you get **12743702**, and if you desaturate by 10%, it is **12748348**.

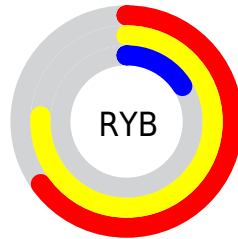
# Distribution



Red (76%)

Green (49%)

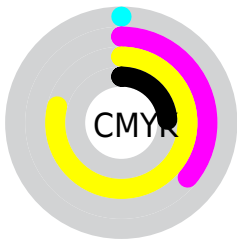
Blue (16%)



Red (65%)

Yellow (76%)

Blue (16%)

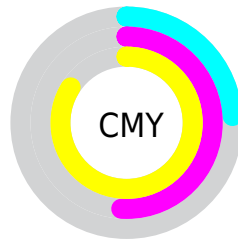


Cyan (0%)

Magenta (36%)

Yellow (79%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12746025 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 12746025 by changing the saturation by 10% instead.



 12746025       12746025

16777215       10773514

 16757341       8866816

 16764279       7025920

 16771474       5119744

 16777133       3410432

 16777161       1703937

 16777189       0

 12746025       12746025

 12743702       12748348

■ 12741634

■ 12750416

■ 12741376

■ 12752739

■ 12755063

■ 12757386

■ 12759453

■ 12761777

■ 12764100

■ 12766424

# Harmonies

## Analogous

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



14641487



12746025



9932572

# Triad

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



12746025



42139



10713306

# Complementary

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



12746025



2715330

# 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.



4296176



12746025



41675

# Square

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



12746025



41575



39914



13984688

# Rectangle

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



12746025



7706669



39914



9142244



# Sweetspot

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



12746025



16572864



12724592



8417115



0



8421504



# Same Dimension

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



12746025



16551949



12436009



6380887



10573824



2167296



# Inverse Universe

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



2715330



883196



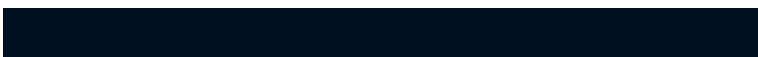
3025346



5725281



18593



3873



# Previews

## White Background



This preview shows how the Decimal color 12746025 looks on a white background.

## Color Contrast Check

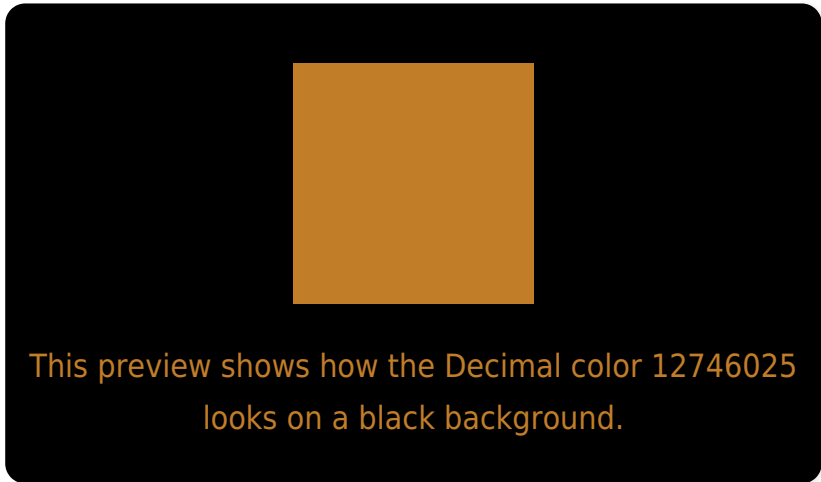
Large Text (above 18pt) WCAG AA ✓ Pass

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 12746025 Background



This preview shows how black text looks on a background with the Decimal color 12746025.



This preview shows how white text looks on a background with the Decimal color 12746025.

# 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**  
12746025

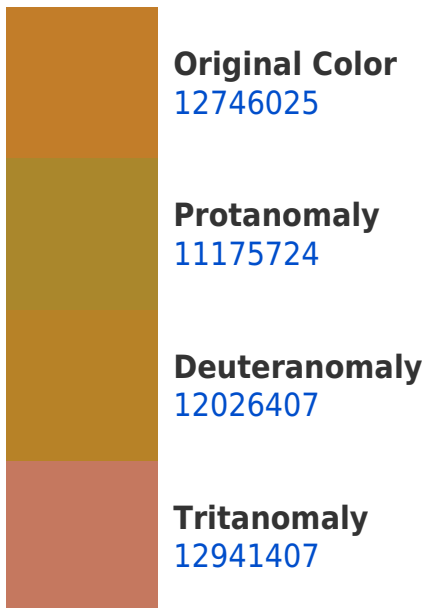
**Protanopia**  
10325293

**Deuteranopia**  
11633958

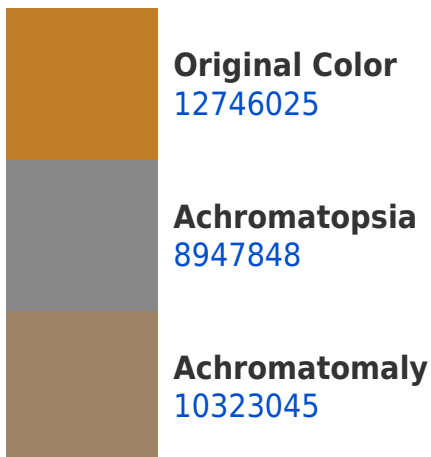


**Tritanopia**  
13071742

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12746025 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 #C27D29 looks like.

```
.text, #text, p{  
    color:#C27D29  
}
```

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 #C27D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27D29
}
```

## Border

The CSS property to change the border of an element to Decimal 12746025 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
#C27D29 }
```

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

```
.border{ border-color:#C27D29 }
```

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

Here you see how a box with a 4 pixel #C27D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27D29; -webkit-box-shadow:4px 4px  
4px 4px #C27D29; box-shadow:4px 4px 4px  
4px #C27D29 }
```

# Background

The CSS property to change the background color of an element to Decimal 12746025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27D29 }
```

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

```
.background{ background-color:#C27D29 }
```

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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