

# Converting Colors

Decimal(12746587)

Have a look what the booklet for  
Decimal(12746587) contains.

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# Color

**Decimal(12746587)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C27F5B
RGB	194, 127, 91
RGB Percent	76%, 50%, 36%
CMY	0.2392, 0.5020, 0.6431
CMYK	0.00, 0.35, 0.53, 0.24
HSL	21°, 46%, 56%
HSV	21°, 53%, 76%
XYZ	31.7258, 27.4034, 13.5148
YIQ	142.9290, 51.4880, 3.0080

# Conversions

## Conversions Part 2

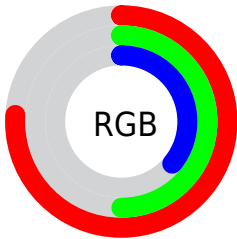
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 146, 91
Decimal	12746587
CIELab	59.35, 22.07, 30.14
CIELCh	59, 37.359, 53.785
Yxy	27.4034, 0.4367, 0.3772
Android (android.graphics.Color)	4290936667 (0xFFC27F5B)
YUV	142.9290, -25.6010, 44.7893
Hunter-Lab	52.3483, 16.5710, 21.3369

# Details

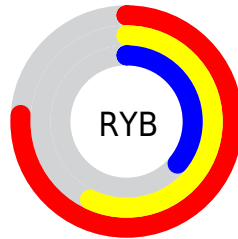
The Decimal color **12746587** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **6004418**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16626830**, and **8998188** is the 20% darker color. If you saturate the color by 10%, you get **12743240**, and if you desaturate by 10%, it is **12749934**.

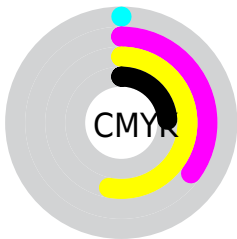
# Distribution



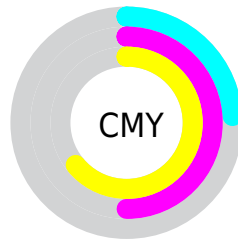
- Red (76%)
- Green (50%)
- Blue (36%)



- Red (76%)
- Yellow (57%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (24%)


















- Cyan (24%)
- Magenta (50%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12746587 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 12746587 by changing the saturation by 10% instead.



 12746587	 12746587
 16777215	 10839619
 16626830	 8998188
 16765096	 7157270
 16772292	 5447424
 16777184	 3672320
 16777212	 2162689
	 0

 12746587	 12746587
 12743240	 12749934

12740148

12753026

12736801

12756373

12733709

12759465

12731392

12762812

12766159

12769251

12772598

12775935

# Harmonies

## Analogous

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



13530742



12746587



11176781

# Triad

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



12746587



3186823



8948171

# Complementary

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



12746587



6004418

# 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.



5149904



12746587



41128

# Square

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



12746587



6528103



40131



11632054

# Rectangle

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



12746587



9802318



40131



7769550

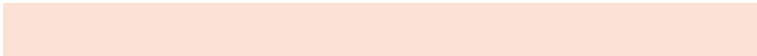


# Sweetspot

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



12746587



16573140



12737440



8417383



0



8421504



# Same Dimension

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



12746587



16552795



12759387



6380375



10565632



2165760



# Inverse Universe

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



6004418



6014204



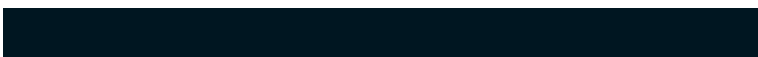
5991618



5725793



27041



5665



# Previews

## White Background



This preview shows how the Decimal color 12746587 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



This preview shows how the Decimal color 12746587 looks on a 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 12746587 Background



This preview shows how black text looks on a background with the Decimal color 12746587.




This preview shows how white text looks on a background with the Decimal color 12746587.

# 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





**Tritanopia**  
12941955

# Trichromacy



**Original Color**  
12746587

**Protanomaly**  
11110751

**Deuteranomaly**  
11896154

**Tritanomaly**  
12876916

# Monochromacy



**Original Color**  
12746587

**Achromatopsia**  
9408399

**Achromatomaly**  
10652028

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12746587 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 #C27F5B looks like.

```
.text, #text, p{  
    color:#C27F5B  
}
```

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 #C27F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27F5B  
}
```

## Border

The CSS property to change the border of an element to Decimal 12746587 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  
#C27F5B }
```

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

```
.border{ border-color:#C27F5B }
```

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

Here you see how a box with a 4 pixel #C27F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27F5B; -webkit-box-shadow:4px 4px  
4px 4px #C27F5B; box-shadow:4px 4px 4px  
4px #C27F5B }
```

# Background

The CSS property to change the background color of an element to Decimal 12746587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27F5B }
```

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

```
.background{ background-color:#C27F5B }
```

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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