

# Converting Colors

Decimal(12805981)

Have a look what the booklet for  
Decimal(12805981) contains.

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# Color

**Decimal(12805981)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3675D
RGB	195, 103, 93
RGB Percent	76%, 40%, 36%
CMY	0.2353, 0.5961, 0.6353
CMYK	0.00, 0.47, 0.52, 0.24
HSL	6°, 46%, 56%
HSV	6°, 52%, 76%
XYZ	29.3317, 22.0929, 13.0743
YIQ	129.3680, 58.0420, 16.3940

# Conversions

## Conversions Part 2

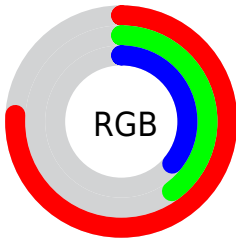
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 104, 93
Decimal	12805981
CIE <sub>Lab</sub>	54.13, 35.62, 22.24
CIE <sub>LCh</sub>	54, 41.992, 31.975
Yxy	22.0929, 0.4548, 0.3425
Android (android.graphics.Color)	4290996061 (0xFFC3675D)
YUV	129.3680, -17.9294, 57.5593
Hunter-Lab	47.0031, 29.1353, 16.4101

# Details

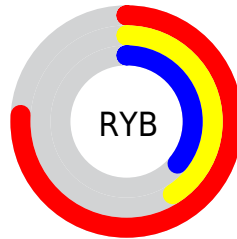
The Decimal color **12805981** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **6142403**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16751759**, and **8992047** is the 20% darker color. If you saturate the color by 10%, you get **12801354**, and if you desaturate by 10%, it is **12810608**.

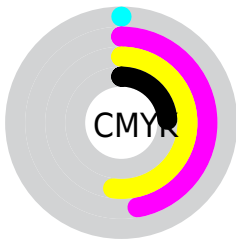
# Distribution



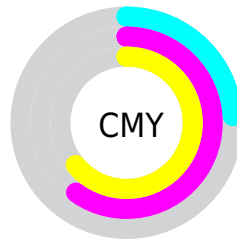
- Red (76%)
- Green (40%)
- Blue (36%)



- Red (76%)
- Yellow (41%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (52%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12805981 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 12805981 by changing the saturation by 10% instead.



 12805981

 12805981

16777215

 10899013

 16751759

 8992047

 16758698

 7150618

 16765893

 5373952

 16773345

 3604480

16777214

 1441792

 0

 12805981

 12805981

 12801354

 12810608

 12796982

 12814980

 12792354

 12819607

 12787983

 12823979

 12784384

 12828606

 12833234

 12837605

 12842233

 12845055

# Harmonies

## Analogous

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



12870528



12805981



11694914

# Triad

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



12805981



4165982



4490442

# Complementary

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



12805981



6142403

# 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.



36545



12805981



38019

# Square

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



12805981



7309889



37799



8878015

# Rectangle

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



12805981



10452024



37799



1804489

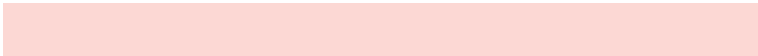


# Sweetspot

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



12805981



16570580



12803515



8415847



0



8421504



# Same Dimension

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



12805981



16543069



12818781



6379607



10555392



2163456



# Inverse Universe

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



6142403



6155772



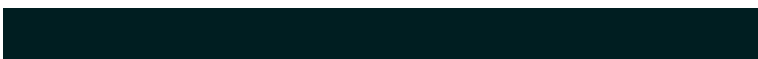
6129859



5726305



37281



7713



# Previews

## White Background



This preview shows how the Decimal color 12805981 looks on a white background.

## Color Contrast Check

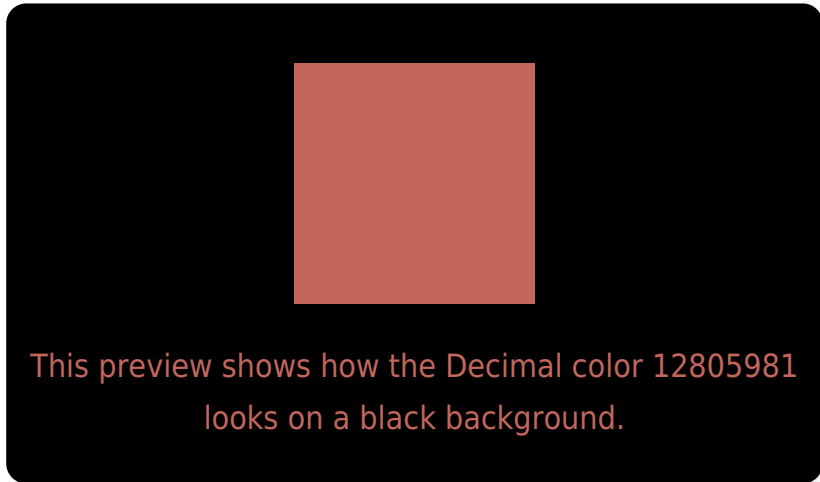
Large Text (above 18pt) WCAG AA ✓ Pass

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

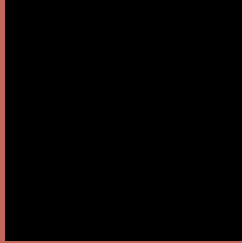
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12805981 Background



This preview shows how black text looks on a background with the Decimal color 12805981.



This preview shows how white text looks on a background with the Decimal color 12805981.

# 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](#).

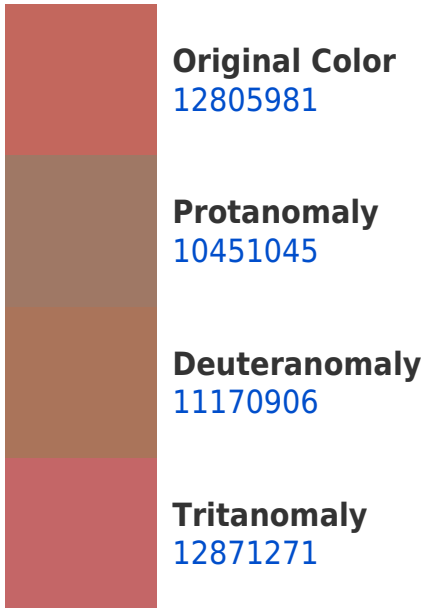
## Dichromacy





**Tritanopia**  
12871020

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12805981 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 #C3675D looks like.

```
.text, #text, p{  
    color:#C3675D  
}
```

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 #C3675D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3675D
}
```

## Border

The CSS property to change the border of an element to Decimal 12805981 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".

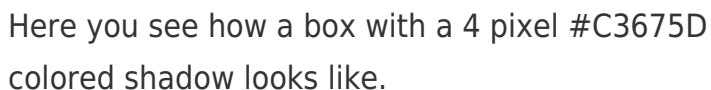
```
.border, #border, table{ border:4px solid
#C3675D }
```

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

```
.border{ border-color:#C3675D }
```

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

Here you see how a box with a 4 pixel #C3675D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3675D; -webkit-box-shadow:4px 4px  
4px 4px #C3675D; box-shadow:4px 4px 4px  
4px #C3675D }
```

# Background

The CSS property to change the background color of an element to Decimal 12805981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3675D }
```

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

```
.background{ background-color:#C3675D }
```

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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