

Converting Colors

Decimal(12679517)

Have a look what the booklet for
Decimal(12679517) contains.

Decimal(12679517)	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(12679517)

Conversions

Conversions Part 1

Format	Color
Hex	C1795D
RGB	193, 121, 93
RGB Percent	76%, 47%, 36%
CMY	0.2431, 0.5255, 0.6353
CMYK	0.00, 0.37, 0.52, 0.24
HSL	17°, 45%, 56%
HSV	17°, 52%, 76%
XYZ	30.8055, 25.8025, 13.7127
YIQ	139.3360, 51.9000, 6.5560

Conversions

Conversions Part 2

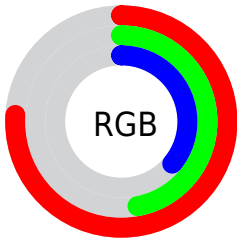
Format	Color
R _Y B	193, 132, 93
Decimal	12679517
CIE Lab	57.85, 25.14, 27.08
CIE LCh	58, 36.946, 47.127
Yxy	25.8025, 0.4381, 0.3669
Android (android.graphics.Color)	4290869597 (0xFFC1795D)
YUV	139.3360, -22.8436, 47.0633
Hunter-Lab	50.7962, 19.3585, 19.5517

Details

The Decimal color **12679517** 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 **6137281**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16559760**, and **8931118** is the 20% darker color. If you saturate the color by 10%, you get **12675914**, and if you desaturate by 10%, it is **12683120**.

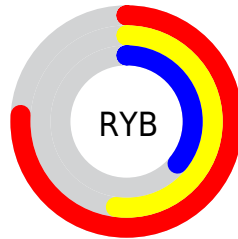
Distribution



Red (76%)

Green (47%)

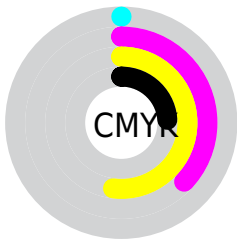
Blue (36%)



Red (76%)

Yellow (52%)

Blue (36%)

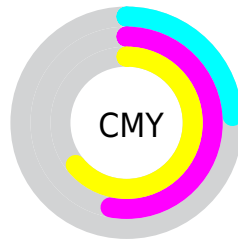


Cyan (0%)

Magenta (37%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12679517 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 12679517 by changing the saturation by 10% instead.

 12679517  12679517

16777215  10772549

 16559760  8931118

 16763306  7090201

 16770758  5380352

 16777186  3605248

16777214  1900545

 0

 12679517  12679517

 12675914  12683120

 12672310

 12686724

 12668707

 12690327

 12665104

 12693930

 12662272

 12697277

 12700881

 12704484

 12708087

 12711679

Harmonies

Analogous

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



13202042



12679517



11240524

Triad

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



12679517



3906428



7964873

Complementary

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



12679517



6137281

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.



3838665



12679517



40093

Square

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



12679517



6854494



39353



10845367

Rectangle

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



12679517



9997386



39353



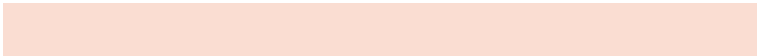
6720715

Sweetspot

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



12679517



16440786



12672422



8219749



16579836



8224125

Same Dimension

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



12679517



16419423



12692061



6380119



10562816



2164992

Inverse Universe

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



6137281



6279162



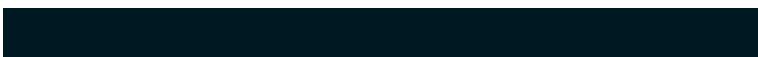
6124737



5725793



29857



6177

Previews

White Background



This preview shows how the Decimal color 12679517 looks on a white background.

Color Contrast Check

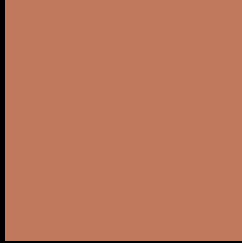
Large Text (above 18pt) WCAG AA ✓ Pass

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 12679517 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 12679517 Background



This preview shows how black text looks on a background with the Decimal color 12679517.



This preview shows how white text looks on a background with the Decimal color 12679517.

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

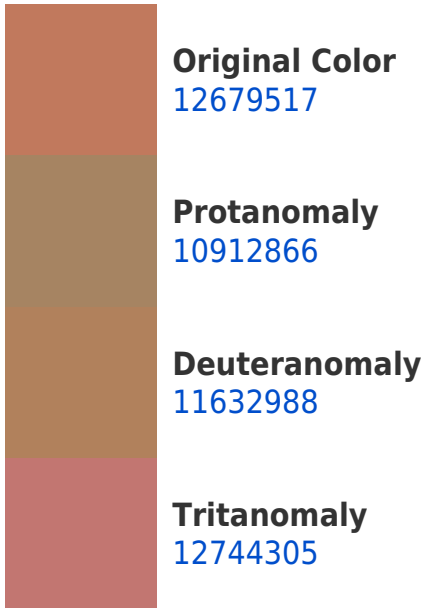


Original Color
12679517

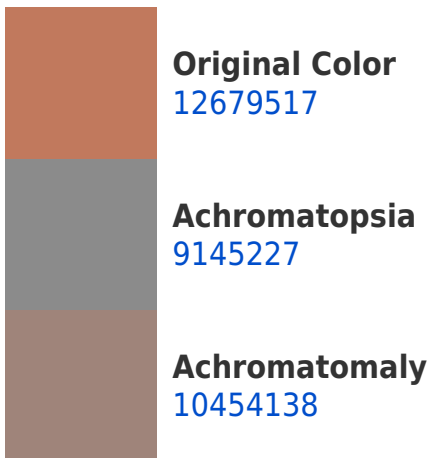
Protanopia
9866085

Deuteranopia
11044187

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12679517 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 #C1795D looks like.

```
.text, #text, p{  
    color:#C1795D  
}
```

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 #C1795D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1795D
}
```

Border

The CSS property to change the border of an element to Decimal 12679517 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
#C1795D }
```

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

```
.border{ border-color:#C1795D }
```

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

Here you see how a box with a 4 pixel #C1795D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1795D; -webkit-box-shadow:4px 4px  
4px 4px #C1795D; box-shadow:4px 4px 4px  
4px #C1795D }
```

Background

The CSS property to change the background color of an element to Decimal 12679517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1795D }
```

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

```
.background{ background-color:#C1795D }
```

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