

Converting Colors

Decimal(12875618)

Have a look what the booklet for
Decimal(12875618) contains.

Decimal(12875618)	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(12875618)

Conversions

Conversions Part 1

Format	Color
Hex	C47762
RGB	196, 119, 98
RGB Percent	77%, 47%, 38%
CMY	0.2314, 0.5333, 0.6157
CMYK	0.00, 0.39, 0.50, 0.23
HSL	13°, 45%, 58%
HSV	13°, 50%, 77%
XYZ	31.5664, 25.8113, 14.8736
YIQ	139.6290, 52.6330, 9.7930

Conversions

Conversions Part 2

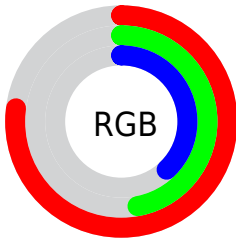
Format	Color
R_{YB}	196, 125, 98
Decimal	12875618
CIE _{Lab}	57.86, 27.91, 24.34
CIE _{LCh}	58, 37.028, 41.093
Yxy	25.8113, 0.4369, 0.3572
Android (android.graphics.Color)	4291065698 (0xFFC47762)
YUV	139.6290, -20.5231, 49.4374
Hunter-Lab	50.8048, 21.9985, 18.2056

Details

The Decimal color **12875618** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6467524**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16755861**, and **9127219** is the 20% darker color. If you saturate the color by 10%, you get **12871758**, and if you desaturate by 10%, it is **12879478**.

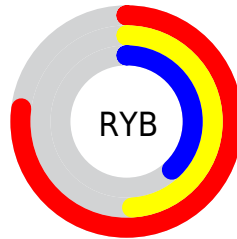
Distribution



Red (77%)

Green (47%)

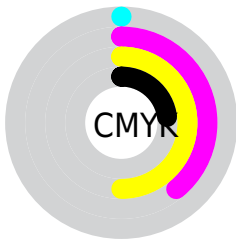
Blue (38%)



Red (77%)

Yellow (49%)

Blue (38%)

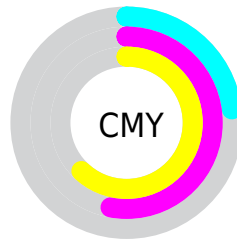


Cyan (0%)

Magenta (39%)

Yellow (50%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12875618 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 12875618 by changing the saturation by 10% instead.

 12875618

 12875618

16777215

 10968650

 16755861

 9127219


 16763056

 7286302

 16770251

 5510662

 16777191

 3801088

 2097153

 0

 12875618

 12875618

 12871758

 12879478

 12867643

 12883593

 12863783

 12887453

 12859668

 12891568

 12855808

 12895428

 12899288

 12903403

 12907263

 12910591

Harmonies

Analogous

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



13201792



12875618



11633230

Triad

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



12875618



4561525



7244490

Complementary

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



12875618



6467524

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.



2659528



12875618



40086

Square

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



12875618



7378265



39605



10387132

Rectangle

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



12875618



10390089



39605



5934795

Sweetspot

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



12875618



16769497



12870320



8416617



0



8421504

Same Dimension

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



12875618



16746342



12887906



6379863



10560000



2164480

Inverse Universe

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



6467524



6741759



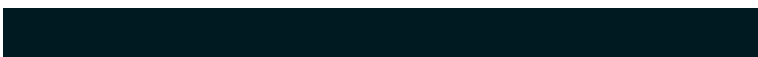
6455236



5726049



32417



6689

Previews

White Background



This preview shows how the Decimal color 12875618 looks on a white background.

Color Contrast Check

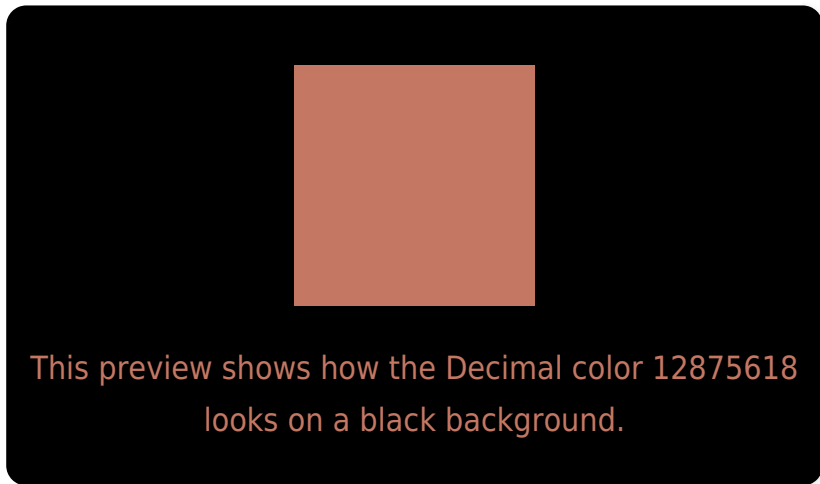
Large Text (above 18pt) WCAG AA ✓ Pass

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

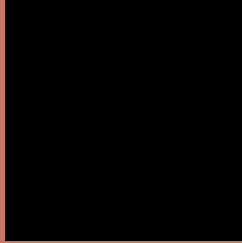
Any Text WCAG AA ✓ Pass

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 12875618 Background



This preview shows how black text looks on a background with the Decimal color 12875618.



This preview shows how white text looks on a background with the Decimal color 12875618.

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
12875618

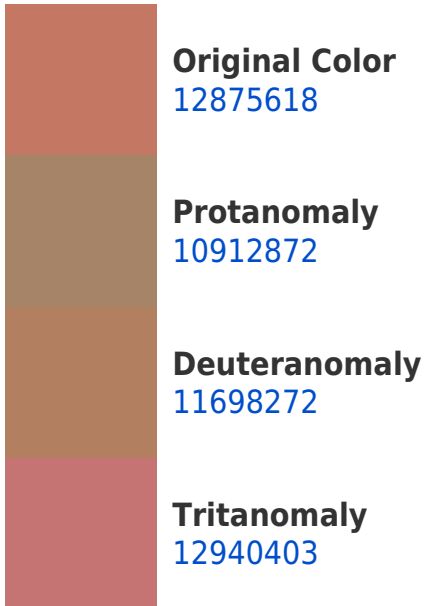
Protanopia
9800555

Deuteranopia
10978655

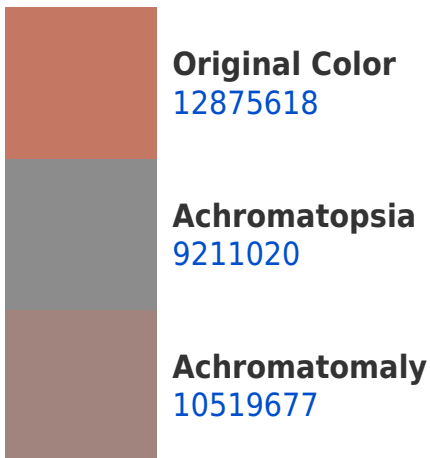


Tritanopia
13005692

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12875618 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 #C47762 looks like.

```
.text, #text, p{  
    color:#C47762  
}
```

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 #C47762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47762
}
```

Border

The CSS property to change the border of an element to Decimal 12875618 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
#C47762 }
```

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

```
.border{ border-color:#C47762 }
```

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

Here you see how a box with a 4 pixel #C47762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47762; -webkit-box-shadow:4px 4px  
4px 4px #C47762; box-shadow:4px 4px 4px  
4px #C47762 }
```

Background

The CSS property to change the background color of an element to Decimal 12875618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47762 }
```

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

```
.background{ background-color:#C47762 }
```

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