

Converting Colors

Decimal(15183477)

Have a look what the booklet for
Decimal(15183477) contains.

| | |
|--|----|
| Decimal(15183477) | 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(15183477)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7AE75 |
| RGB | 231, 174, 117 |
| RGB Percent | 91%, 68%, 46% |
| CMY | 0.0941, 0.3176, 0.5412 |
| CMYK | 0.00, 0.25, 0.49, 0.09 |
| HSL | 30°, 70%, 68% |
| HSV | 30°, 49%, 91% |
| XYZ | 51.3019, 48.5454, 23.4959 |
| YIQ | 184.5450, 52.2690, -5.6430 |

Conversions

Conversions Part 2

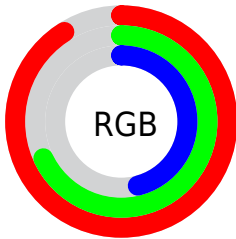
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 231, 231, 117 |
| Decimal | 15183477 |
| CIE _{Lab} | 75.17, 14.14, 37.22 |
| CIE _{LCh} | 75, 39.818, 69.205 |
| Yxy | 48.5454, 0.4159, 0.3936 |
| Android (android.graphics.Color) | 4293373557 (0xFFE7AE75) |
| YUV | 184.5450, -33.2997, 40.7410 |
| Hunter-Lab | 69.6745, 9.5007, 28.7782 |

Details

The Decimal color **15183477** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7712487**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16770474**, and **11369027** is the 20% darker color. If you saturate the color by 10%, you get **15180382**, and if you desaturate by 10%, it is **15186572**.

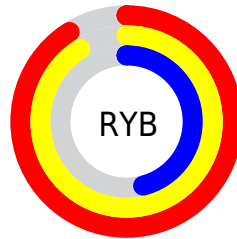
Distribution



Red (91%)

Green (68%)

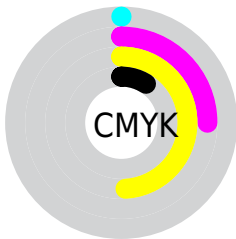
Blue (46%)



Red (91%)

Yellow (91%)

Blue (46%)

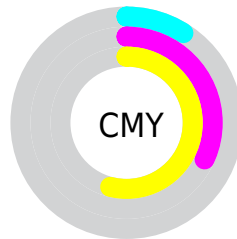


Cyan (0%)

Magenta (25%)

Yellow (49%)

Black (9%)



Cyan (9%)


Magenta (32%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15183477 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 15183477 by changing the saturation by 10% instead.

 15183477

 15183477

16777215

 13275996

 16770474

 11369027

 16777157

 9527596

 16777186

 7686420

16777214

 5911040

 4201728

 2557696

 0

 15183477

 15183477

15180382

15186572

15177543

15189411

15174448

15192506

15171609

15195345

15168514

15198441

15168512

15201279

15204351

Harmonies

Analogous

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



16556684



15183477



13024112

Triad

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



15183477



4050372



13413362

Complementary

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



15183477



7712487

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.



9943551



15183477



1952742

Square

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



15183477



7457694



5752061



15769812

Rectangle

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



15183477



11321976



5752061



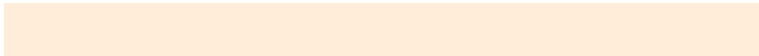
12366073

Sweetspot

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



15183477



16772313



15168942



8418409



0



8421504

Same Dimension

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



15183477



16757865



15198069



7564647



11753728



3348992

Inverse Universe

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



7712487



6927615



7697895



6778227



22963



6707

Previews

White Background



This preview shows how the Decimal color 15183477 looks on a white background.

Color Contrast Check

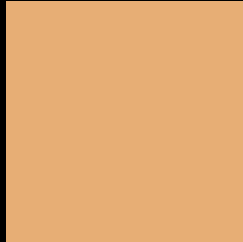
Large Text (above 18pt) WCAG AA × Fail

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 15183477 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 ✓ Pass

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

Decimal 15183477 Background



This preview shows how black text looks on a background with the Decimal color 15183477.



This preview shows how white text looks on a background with the Decimal color 15183477.

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](#).

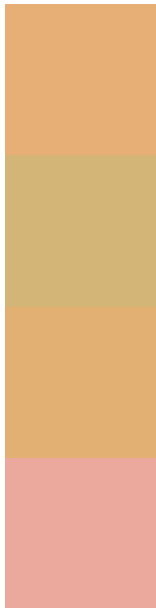
Dichromacy





Tritanopia
15509171

Trichromacy



Original Color
15183477

Protanomaly
13940088

Deuteranomaly
14921844

Tritanomaly
15378844

Monochromacy



Original Color
15183477

Achromatopsia
12171705

Achromatomaly
13284768

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15183477 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 #E7AE75 looks like.

```
.text, #text, p{  
  color:#E7AE75  
}
```

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 #E7AE75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AE75
}
```

Border

The CSS property to change the border of an element to Decimal 15183477 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
#E7AE75 }
```

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

```
.border{ border-color:#E7AE75 }
```

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

Here you see how a box with a 4 pixel #E7AE75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AE75; -webkit-box-shadow:4px 4px  
4px 4px #E7AE75; box-shadow:4px 4px 4px  
4px #E7AE75 }
```

Background

The CSS property to change the background color of an element to Decimal 15183477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AE75 }
```

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

```
.background{ background-color:#E7AE75 }
```

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