

# Converting Colors

Decimal(15181641)

Have a look what the booklet for  
Decimal(15181641) contains.

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# **Color**

**Decimal(15181641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A749
RGB	231, 167, 73
RGB Percent	91%, 65%, 29%
CMY	0.0941, 0.3451, 0.7137
CMYK	0.00, 0.28, 0.68, 0.09
HSL	36°, 77%, 60%
HSV	36°, 68%, 91%
XYZ	47.9763, 45.1074, 12.4813
YIQ	175.4200, 68.3180, -15.6660

# Conversions

## Conversions Part 2

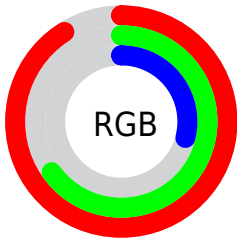
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 231, 73
Decimal	15181641
CIELab	72.96, 14.65, 56.23
CIELCh	73, 58.106, 75.399
Yxy	45.1074, 0.4545, 0.4273
Android (android.graphics.Color)	4293371721 (0xFFE7A749)
YUV	175.4200, -50.4931, 48.7437
Hunter-Lab	67.1620, 9.9755, 35.9951

# Details

The Decimal color **15181641** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4819431**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16768638**, and **11236113** is the 20% darker color. If you saturate the color by 10%, you get **15179314**, and if you desaturate by 10%, it is **15183968**.

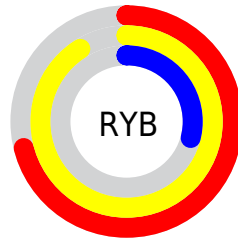
# Distribution



Red (91%)

Green (65%)

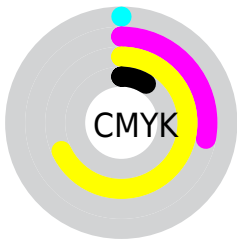
Blue (29%)



Red (71%)

Yellow (91%)

Blue (29%)

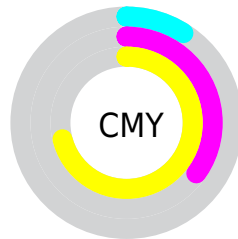


Cyan (0%)

Magenta (28%)

Yellow (68%)

Black (9%)



Cyan (9%)

Magenta (35%)


Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15181641 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 15181641 by changing the saturation by 10% instead.



 15181641

 15181641

16777215

 13208879

 16768638

 11236113

 16776089

 9329408


 16777140

 7488256

 16777168

 5582080

 16777197

 3807232

 2293760

 0

 15181641

 15181641

15179314

15183968

15176731

15186551

15174404

15188878

15173888

15191205

15193788

15196116

15198443

15201023

15203327

# Harmonies

## Analogous

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



16749417



15181641



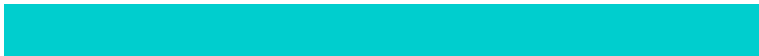
12040518

# Triad

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



15181641



52942



14326526

# Complementary

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



15181641



4819431

# 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.



8957951



15181641



51966

# Square

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



15181641



52374



49407



16746703

# Rectangle

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



15181641



9486936



49407



12820991

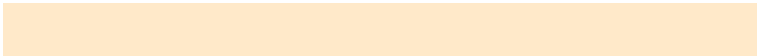


# Sweetspot

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



15181641



16771529



15157643



8418144



0



8421504



# Same Dimension

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



15181641



16755246



14346057



7564903



11758080



3350016



# Inverse Universe

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



4819431



3048447



5655015



6777971



18611



5427



# Previews

## White Background



This preview shows how the Decimal color 15181641 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 15181641 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

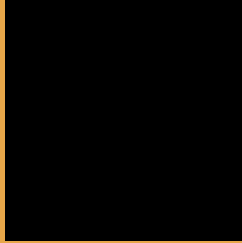
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15181641 Background



This preview shows how black text looks on a background with the Decimal color 15181641.



This preview shows how white text looks on a background with the Decimal color 15181641.

# 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**  
15181641

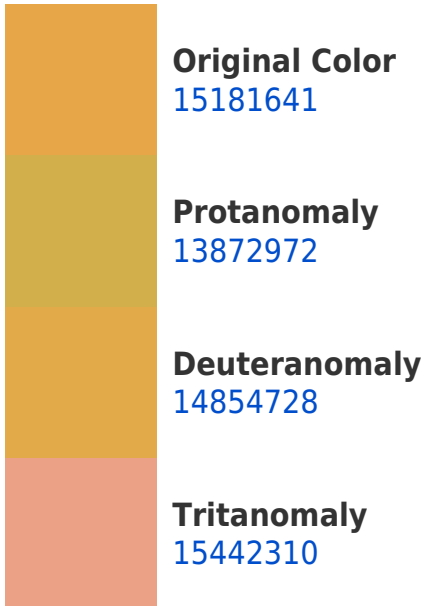
**Protanopia**  
13153357

**Deuteranopia**  
14658376



**Tritanopia**  
15637929

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15181641 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 #E7A749 looks like.

```
.text, #text, p{  
    color:#E7A749  
}
```

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 #E7A749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A749
}
```

## Border

The CSS property to change the border of an element to Decimal 15181641 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
#E7A749 }
```

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

```
.border{ border-color:#E7A749 }
```

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

Here you see how a box with a 4 pixel #E7A749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A749; -webkit-box-shadow:4px 4px  
4px 4px #E7A749; box-shadow:4px 4px 4px  
4px #E7A749 }
```

# Background

The CSS property to change the background color of an element to Decimal 15181641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A749 }
```

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

```
.background{ background-color:#E7A749 }
```

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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