

# Converting Colors

Decimal(15706443)

Have a look what the booklet for  
Decimal(15706443) contains.

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# **Color**

**Decimal(15706443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFA94B
RGB	239, 169, 75
RGB Percent	94%, 66%, 29%
CMY	0.0627, 0.3373, 0.7059
CMYK	0.00, 0.29, 0.69, 0.06
HSL	34°, 84%, 62%
HSV	34°, 69%, 94%
XYZ	51.0546, 47.2347, 13.0829
YIQ	179.2140, 71.8940, -14.3940

# Conversions

## Conversions Part 2

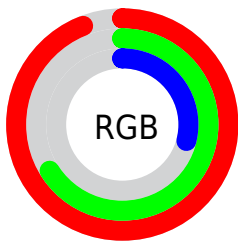
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 239, 75
Decimal	15706443
CIELab	74.34, 17.05, 57.07
CIELCh	74, 59.559, 73.365
Yxy	47.2347, 0.4584, 0.4241
Android (android.graphics.Color)	4293896523 (0xFFEFA94B)
YUV	179.2140, -51.3775, 52.4323
Hunter-Lab	68.7275, 12.3266, 36.8228

# Details

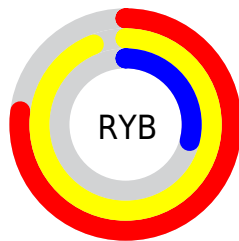
The Decimal color **15706443** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4952559**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16769152**, and **11760915** is the 20% darker color. If you saturate the color by 10%, you get **15703859**, and if you desaturate by 10%, it is **15709027**.

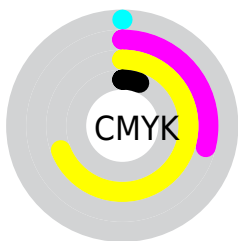
# Distribution



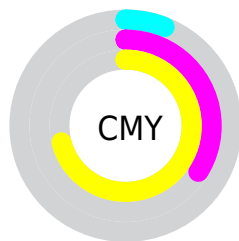
- Red (94%)
- Green (66%)
- Blue (29%)



- Red (77%)
- Yellow (94%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (69%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15706443 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 15706443 by changing the saturation by 10% instead.



 15706443

 15706443

16777215

 13733681

 16769152

 11760915

 16776603

 9788416

 16777143

 7881984

 16777171

 6041088

 16777200

 4266240

 2621952

 0

 15706443

 15706443

15703859

15709027

15701275

15711611

15698435

15714451

15698176

15717035

15719619

15722202

15724786

15727615

15728639

# Harmonies

## Analogous

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



16749678



15706443



12500038

# Triad

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



15706443



53966



14327551

# Complementary

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



15706443



4952559

# 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.



8631551



15706443



53247

# Square

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



15706443



53398



50687



16747480

# Rectangle

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



15706443



9946455



50687



12756735

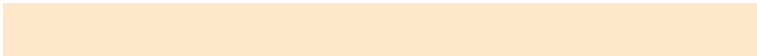


# Sweetspot

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



15706443



16771273



15682450



8417888



0



8421504



# Same Dimension

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



15706443



16754222



15003467



7893868



12085504



3678208



# Inverse Universe

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



4952559



3049471



5655535



7106936



20152



6200



# Previews

## White Background



This preview shows how the Decimal color 15706443 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 15706443 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 15706443 Background



This preview shows how black text looks on a background with the Decimal color 15706443.



This preview shows how white text looks on a background with the Decimal color 15706443.

# 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**  
15706443

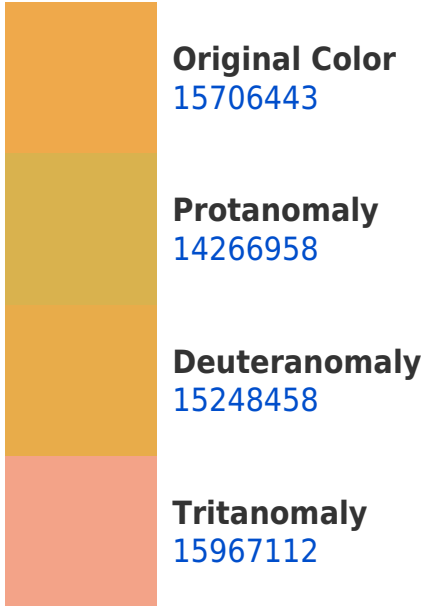
**Protanopia**  
13416271

**Deuteranopia**  
14986826



**Tritanopia**  
16162731

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15706443 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 #EFA94B looks like.

```
.text, #text, p{  
    color:#EFA94B  
}
```

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 #EFA94B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFA94B
}
```

## Border

The CSS property to change the border of an element to Decimal 15706443 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
#EFA94B }
```

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

```
.border{ border-color:#EFA94B }
```

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

Here you see how a box with a 4 pixel #EFA94B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFA94B; -webkit-box-shadow:4px 4px  
4px 4px #EFA94B; box-shadow:4px 4px 4px  
4px #EFA94B }
```

# Background

The CSS property to change the background color of an element to Decimal 15706443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFA94B }
```

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

```
.background{ background-color:#EFA94B }
```

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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