

# Converting Colors

Decimal(15700820)

Have a look what the booklet for  
Decimal(15700820) contains.

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# **Color**

**Decimal(15700820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF9354
RGB	239, 147, 84
RGB Percent	94%, 58%, 33%
CMY	0.0627, 0.4235, 0.6706
CMYK	0.00, 0.38, 0.65, 0.06
HSL	24°, 83%, 63%
HSV	24°, 65%, 94%
XYZ	47.6306, 39.8583, 13.5705
YIQ	167.3260, 75.0550, -0.0890

# Conversions

## Conversions Part 2

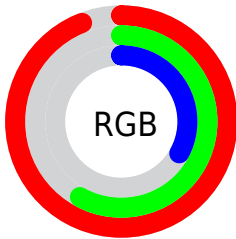
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	239, 190, 84
Decimal	15700820
CIE Lab	69.37, 29.18, 47.28
CIE LCh	69, 55.564, 58.320
Yxy	39.8583, 0.4713, 0.3944
Android (android.graphics.Color)	4293890900 (0xFFEF9354)
YUV	167.3260, -41.0797, 62.8581
Hunter-Lab	63.1334, 24.1847, 31.4490

# Details

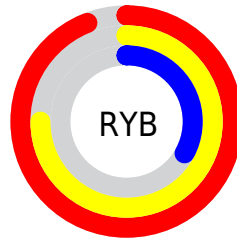
The Decimal color **15700820** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5550319**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16763527**, and **11690019** is the 20% darker color. If you saturate the color by 10%, you get **15697212**, and if you desaturate by 10%, it is **15704428**.

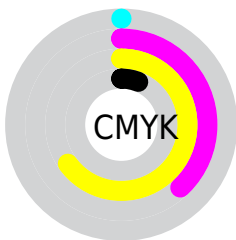
# Distribution



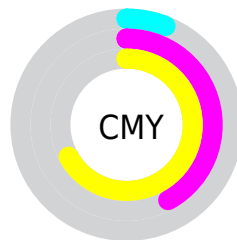
- Red (94%)
- Green (58%)
- Blue (33%)



- Red (94%)
- Yellow (75%)
- Blue (33%)



- Cyan (0%)
- Magenta (38%)
- Yellow (65%)
- Black (6%)



- Cyan (6%)
- Magenta (42%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15700820 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 15700820 by changing the saturation by 10% instead.



 15700820

 15700820

16777215

 13662523

 16763527

 11690019

 16770722

 9783047

 16777150

 7876352

 16777178

 5969920

 16777207

 4128768

 2621441

 0

 15700820

 15700820

15697212

15704428

15693604

15708036

15689740

15711900

15687936

15715508

15719115

15722723

15726331

15728639

# Harmonies

## Analogous

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



16745084



15700820



13149760

# Triad

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



15700820



49829



10984959

# Complementary

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



15700820



5550319

# 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.



3387647



15700820



49880

# Square

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



15700820



5553778



48382



14977503

# Rectangle

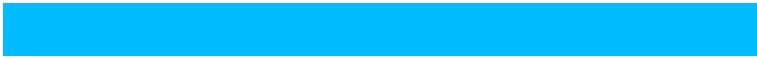
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15700820



11055172



48382



9086207

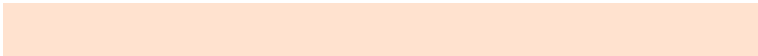


# Sweetspot

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



15700820



16769743



15684785



8416866



0



8421504



# Same Dimension

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



15700820



16746808



15720276



7893356



12077824



3675904



# Inverse Universe

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



5550319



3714815



5530607



7107448



28088



8504



# Previews

## White Background



This preview shows how the Decimal color 15700820 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 15700820 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 15700820 Background



This preview shows how black text looks on a background with the Decimal color 15700820.



This preview shows how white text looks on a background with the Decimal color 15700820.

# 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**  
15700820

**Protanopia**  
12298844

**Deuteranopia**  
13804113



**Tritanopia**  
15960982

# Trichromacy



**Original Color**  
15700820

**Protanomaly**  
13541977

**Deuteranomaly**  
14523730

**Tritanomaly**  
15896190

# Monochromacy



**Original Color**  
15700820

**Achromatopsia**  
10987431

**Achromatomaly**  
12689545

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15700820 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 #EF9354 looks like.

```
.text, #text, p{  
  color:#EF9354  
}
```

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 #EF9354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF9354
}
```

## Border

The CSS property to change the border of an element to Decimal 15700820 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
#EF9354 }
```

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

```
.border{ border-color:#EF9354 }
```

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

Here you see how a box with a 4 pixel #EF9354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF9354; -webkit-box-shadow:4px 4px  
4px 4px #EF9354; box-shadow:4px 4px 4px  
4px #EF9354 }
```

# Background

The CSS property to change the background color of an element to Decimal 15700820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF9354 }
```

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

```
.background{ background-color:#EF9354 }
```

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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