

# Converting Colors

Decimal(15565390)

Have a look what the booklet for  
Decimal(15565390) contains.

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# **Color**

**Decimal(15565390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED824E
RGB	237, 130, 78
RGB Percent	93%, 51%, 31%
CMY	0.0706, 0.4902, 0.6941
CMYK	0.00, 0.45, 0.67, 0.07
HSL	20°, 82%, 62%
HSV	20°, 67%, 93%
XYZ	44.2828, 34.5198, 11.5368
YIQ	156.0650, 80.4640, 6.5120

# Conversions

## Conversions Part 2

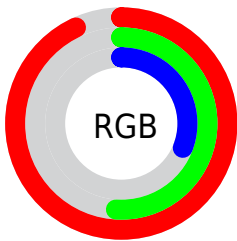
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 155, 78
Decimal	15565390
CIE Lab	65.37, 36.87, 45.66
CIE LCh	65, 58.687, 51.079
Yxy	34.5198, 0.4902, 0.3821
Android (android.graphics.Color)	4293755470 (0xFFED824E)
YUV	156.0650, -38.4860, 70.9800
Hunter-Lab	58.7536, 31.7174, 29.4854

# Details

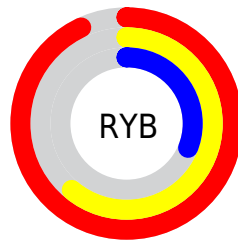
The Decimal color **15565390** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **5159405**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16758913**, and **11554590** is the 20% darker color. If you saturate the color by 10%, you get **15561270**, and if you desaturate by 10%, it is **15569510**.

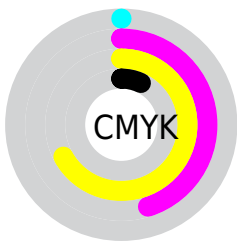
# Distribution



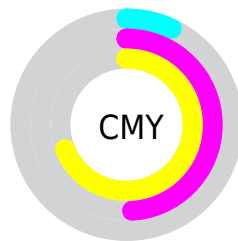
- Red (93%)
- Green (51%)
- Blue (31%)



- Red (93%)
- Yellow (61%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15565390 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 15565390 by changing the saturation by 10% instead.



 15565390

 15565390

16777215

 13527094

 16758913

 11554590

 16766107

 9582083

 16773559

 7609344

 16777170

 5701632

 16777199

 3866624

 2031617

 0

 15565390

 15565390

15561270

15569510

15557151

15573629

15553031

15577749

15552000

15581869

15585988

15590108

15594228

15597567

# Harmonies

## Analogous

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



16740732



15565390



13145904

# Triad

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



15565390



46989



8755199

# Complementary

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



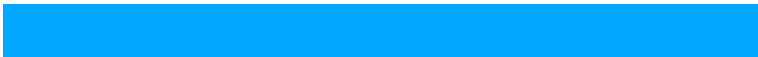
15565390



5159405

# 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.



43519



15565390



47299

# Square

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



15565390



5681753



46320



13599201

# Rectangle

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



15565390



11117102



46320



6201087



# Sweetspot

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



15565390



16768460



15552187



8416097



0



8421504



# Same Dimension

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



15565390



16741424



15585358



7695722



11877120



3543552



# Inverse Universe

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



5159405



3193855



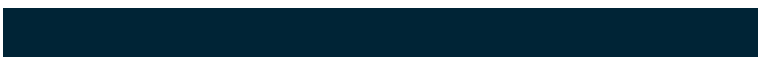
5139437



6975861



31413



9270



# Previews

## White Background



This preview shows how the Decimal color 15565390 looks on a white background.

## Color Contrast Check

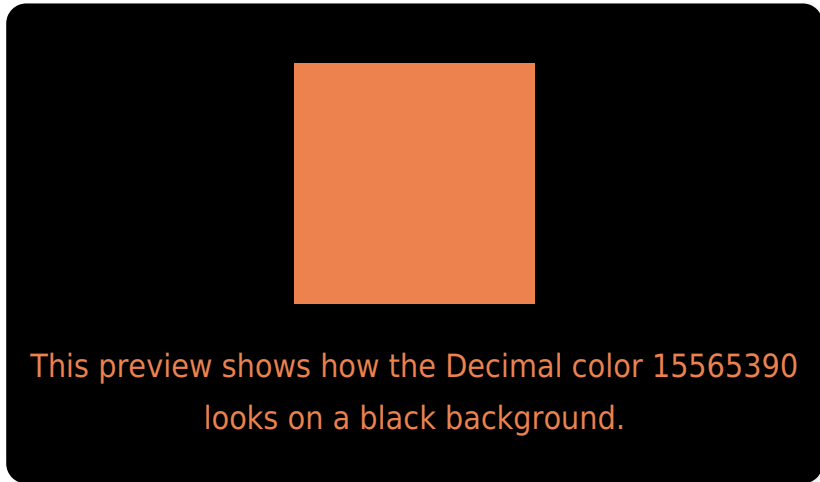
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 15565390 Background



This preview shows how black text looks on a background with the Decimal color 15565390.

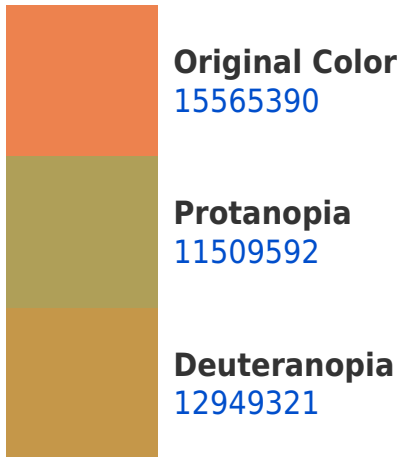


This preview shows how white text looks on a background with the Decimal color 15565390.

# 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**  
15760260

# Trichromacy



**Original Color**  
15565390

**Protanomaly**  
13014100

**Deuteranomaly**  
13930315

**Tritanomaly**  
15695472

# Monochromacy



**Original Color**  
15565390

**Achromatopsia**  
10263708

**Achromatomaly**  
12161920

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15565390 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 #ED824E looks like.

```
.text, #text, p{  
    color:#ED824E  
}
```

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 #ED824E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED824E
}
```

## Border

The CSS property to change the border of an element to Decimal 15565390 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
#ED824E }
```

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

```
.border{ border-color:#ED824E }
```

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

Here you see how a box with a 4 pixel #ED824E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED824E; -webkit-box-shadow:4px 4px  
4px 4px #ED824E; box-shadow:4px 4px 4px  
4px #ED824E }
```

# Background

The CSS property to change the background color of an element to Decimal 15565390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED824E }
```

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

```
.background{ background-color:#ED824E }
```

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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