

# Converting Colors

Decimal(15893070)

Have a look what the booklet for  
Decimal(15893070) contains.

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# Color

**Decimal(15893070)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F2824E
RGB	242, 130, 78
RGB Percent	95%, 51%, 31%
CMY	0.0510, 0.4902, 0.6941
CMYK	0.00, 0.46, 0.68, 0.05
HSL	19°, 86%, 63%
HSV	19°, 68%, 95%
XYZ	45.9757, 35.3926, 11.6160
YIQ	157.5600, 83.4440, 7.5720

# Conversions

## Conversions Part 2

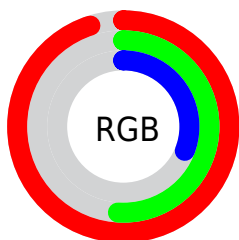
Format	Color
<a href="#">RYB</a>	<a href="#">242, 154, 78</a>
Decimal	<a href="#">15893070</a>
CIELab	<a href="#">66.05, 38.82, 46.62</a>
CIELCh	<a href="#">66, 60.661, 50.216</a>
Yxy	<a href="#">35.3926, 0.4944, 0.3806</a>
Android (android.graphics.Color)	<a href="#">4294083150</a> (0xFFFF2824E)
YUV	<a href="#">157.5600, -39.2231, 74.0539</a>
Hunter-Lab	<a href="#">59.4917, 33.8361, 30.0675</a>

# Details

The Decimal color **15893070** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **5160690**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16758913**, and **11816477** is the 20% darker color. If you saturate the color by 10%, you get **15888694**, and if you desaturate by 10%, it is **15897446**.

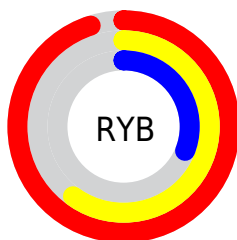
# Distribution



Red (95%)

Green (51%)

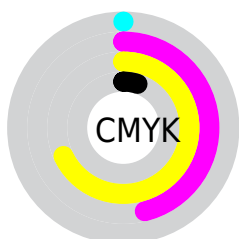
Blue (31%)



Red (95%)

Yellow (60%)

Blue (31%)

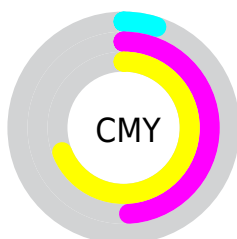


Cyan (0%)

Magenta (46%)

Yellow (68%)

Black (5%)



Cyan (5%)

Magenta (49%)

















Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15893070 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 15893070 by changing the saturation by 10% instead.



 15893070	 15893070
 16777215	 13854774
 16758913	 11816477
 16766107	 9843971
 16773559	 7871232
 16777171	 5963776
 16777199	 4063232
	 2359297
	 0

 15893070	 15893070
--	--

 15888694

 15897446

 15884574

 15901566

 15880197

 15905943

 15879424

 15910063

 15914439

 15918559

 15922935

 15925247

# Harmonies

## Analogous

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



16740734



15893070



13473581

# Triad

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



15893070



47756



8559103

# Complementary

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



15893070



5160690

# 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.



44287



15893070



48069

# Square

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



15893070



5747799



47091



13730535

# Rectangle

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



15893070



11314218



47091



5742847



# Sweetspot

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



15893070



16768204



15879870



8416097



0



8421504



# Same Dimension

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



15893070



16740912



15914062



7893100



12073472



3674624



# Inverse Universe

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



5160690



3194623



5139698



7107704



32184



9784



# Previews

## White Background



This preview shows how the Decimal color 15893070 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 15893070 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 15893070 Background



This preview shows how black text looks on a background with the Decimal color 15893070.



This preview shows how white text looks on a background with the Decimal color 15893070.

# 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**  
15893070

**Protanopia**  
11641176

**Deuteranopia**  
13080905



**Tritanopia**  
16088196

# Trichromacy



**Original Color**

15893070



**Protanomaly**

13211220



**Deuteranomaly**

14127435



**Tritanomaly**

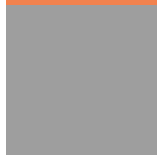
16023152

# Monochromacy



**Original Color**

15893070



**Achromatopsia**

10395294



**Achromatomaly**

12424321

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15893070 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 #F2824E looks like.

```
.text, #text, p{  
    color:#F2824E  
}
```

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 #F2824E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2824E
}
```

## Border

The CSS property to change the border of an element to Decimal 15893070 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
#F2824E }
```

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

```
.border{ border-color:#F2824E }
```

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

Here you see how a box with a 4 pixel #F2824E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2824E; -webkit-box-shadow:4px 4px  
4px 4px #F2824E; box-shadow:4px 4px 4px  
4px #F2824E }
```

# Background

The CSS property to change the background color of an element to Decimal 15893070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2824E }
```

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

```
.background{ background-color:#F2824E }
```

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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