

# Converting Colors

Decimal(15832879)

Have a look what the booklet for  
Decimal(15832879) contains.

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# **Color**

**Decimal(15832879)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1972F
RGB	241, 151, 47
RGB Percent	95%, 59%, 18%
CMY	0.0549, 0.4078, 0.8157
CMYK	0.00, 0.37, 0.80, 0.05
HSL	32°, 87%, 56%
HSV	32°, 80%, 95%
XYZ	47.8553, 41.0392, 8.0884
YIQ	166.0540, 87.0240, -13.2640

# Conversions

## Conversions Part 2

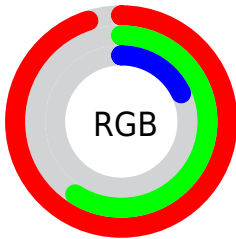
Format	Color
R <sub>YB</sub>	215, 241, 47
Decimal	15832879
CIE Lab	70.20, 26.21, 64.55
CIE LCh	70, 69.668, 67.905
Yxy	41.0392, 0.4934, 0.4232
Android (android.graphics.Color)	4294022959 (0xFFFF1972F)
YUV	166.0540, -58.6936, 65.7276
Hunter-Lab	64.0619, 21.2343, 37.3574

# Details

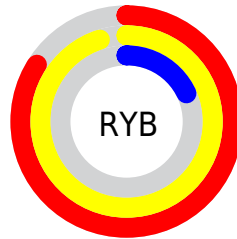
The Decimal color **15832879** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3115505**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16764261**, and **11756544** is the 20% darker color. If you saturate the color by 10%, you get **15830039**, and if you desaturate by 10%, it is **15835719**.

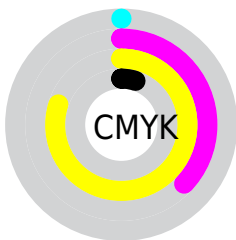
# Distribution



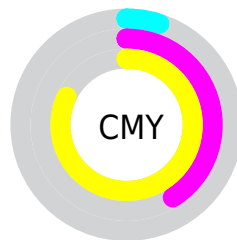
- Red (95%)
- Green (59%)
- Blue (18%)



- Red (84%)
- Yellow (95%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (80%)
- Black (5%)




















- Cyan (5%)
- Magenta (41%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15832879 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 15832879 by changing the saturation by 10% instead.



 15832879	 15832879
 16777215	 13794573
 16764261	 11756544
 16771712	 9784064
 16777116	 7812096
 16777144	 5905664
 16777172	 4064768
 16777201	 2621441
	 0
 15832879	 15832879

15830039

15835719

15827200

15838559

15841655

15844495

15847335

15850176

15853016

15855856

15858943

# Harmonies

## Analogous

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



16743777



15832879



12365336

# Triad

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



15832879



51899



12882943

# Complementary

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



15832879



3115505

# 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.



3452415



15832879



51448

# Square

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



15832879



50809



49151



16742621

# Rectangle

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



15832879



9550126



49151



10722815



# Sweetspot

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



15832879



16769986



15806346



8416859



0



8421504



# Same Dimension

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



15832879



16747528



15462703



7893612



12083712



3677696



# Inverse Universe

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



3115505



555775



3485681



7106936



21944



6712



# Previews

## White Background



This preview shows how the Decimal color 15832879 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 15832879 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 15832879 Background



This preview shows how black text looks on a background with the Decimal color 15832879.



This preview shows how white text looks on a background with the Decimal color 15832879.

# 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**  
15832879

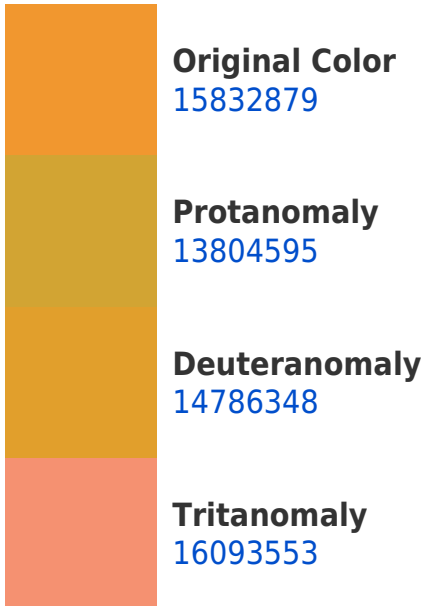
**Protanopia**  
12692533

**Deuteranopia**  
14197546



**Tritanopia**  
16223639

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15832879 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 #F1972F looks like.

```
.text, #text, p{  
    color:#F1972F  
}
```

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 #F1972F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1972F
}
```

## Border

The CSS property to change the border of an element to Decimal 15832879 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
#F1972F }
```

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

```
.border{ border-color:#F1972F }
```

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

Here you see how a box with a 4 pixel #F1972F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1972F; -webkit-box-shadow:4px 4px  
4px 4px #F1972F; box-shadow:4px 4px 4px  
4px #F1972F }
```

# Background

The CSS property to change the background color of an element to Decimal 15832879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1972F }
```

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

```
.background{ background-color:#F1972F }
```

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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