

# Converting Colors

Decimal(15831962)

Have a look what the booklet for  
Decimal(15831962) contains.

<b>Decimal(15831962)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15831962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1939A
RGB	241, 147, 154
RGB Percent	95%, 58%, 60%
CMY	0.0549, 0.4235, 0.3961
CMYK	0.00, 0.39, 0.36, 0.05
HSL	356°, 77%, 76%
HSV	356°, 39%, 95%
XYZ	52.5421, 41.9013, 35.8903
YIQ	175.9040, 53.7770, 22.1050

# Conversions

## Conversions Part 2

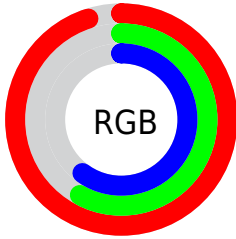
Format	Color
R <sub>Y</sub> B	241, 147, 154
Decimal	15831962
CIE Lab	70.80, 36.20, 11.50
CIE LCh	71, 37.989, 17.628
Yxy	41.9013, 0.4031, 0.3215
Android (android.graphics.Color)	4294022042 (0xFFFF1939A)
YUV	175.9040, -10.7987, 57.0892
Hunter-Lab	64.7312, 31.6081, 12.4384

# Details

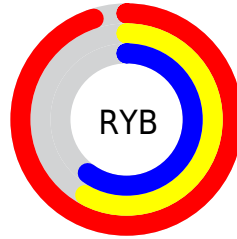
The Decimal color **15831962** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9695722**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16763600**, and **11951975** is the 20% darker color. If you saturate the color by 10%, you get **15825796**, and if you desaturate by 10%, it is **15838128**.

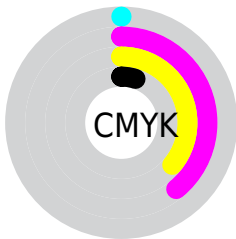
# Distribution



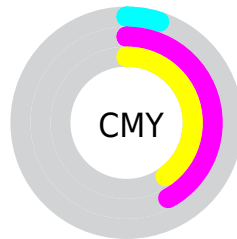
- Red (95%)
- Green (58%)
- Blue (60%)



- Red (95%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15831962 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 15831962 by changing the saturation by 10% instead.



 15831962

 15831962


16777215

 13858944

 16763600

 11951975

 16771053

 10110287

 8269112

 6492707

 4718606

 3211265

 0

 15831962

 15831962

 15825796

 15838128

 15819629

 15844295

 15813463

 15850461

 15807297

 15856627

 15800874

 15859711

 15794708

 15794194

# Harmonies

## Analogous

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



15242429



15831962



15244156

# Triad

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



15831962



8960637



6469104

# Complementary

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



15831962



9695722

# 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.



2473183



15831962



6078365

# Square

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



15831962



11580010



2801857



10267375

# Rectangle

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



15831962



14328430



2801857



5093612



# Sweetspot

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



15831962



16769251



15307761



8416879



0



8421504



# Same Dimension

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



15831962



16746384



15841939



7892077



12058638



3670020



# Inverse Universe

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



15831962



16746384



9685745



7892077



12058638



3670020



# Previews

## White Background



This preview shows how the Decimal color 15831962 looks on a white background.

## Color Contrast Check

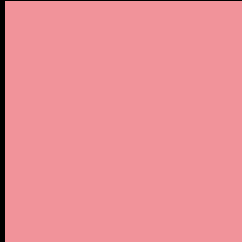
Large Text (above 18pt) WCAG AA × Fail

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 15831962 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 15831962 Background



This preview shows how black text looks on a background with the Decimal color 15831962.




This preview shows how white text looks on a background with the Decimal color 15831962.

# 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](#).

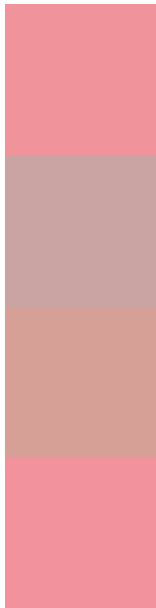
## Dichromacy





**Tritanopia**  
15831709

# Trichromacy



**Original Color**  
15831962

**Protanomaly**  
13214883

**Deuteranomaly**  
14065815

**Tritanomaly**  
15831708

# Monochromacy



**Original Color**  
15831962

**Achromatopsia**  
11579568

**Achromatomaly**  
13149608

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15831962 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 #F1939A looks like.

```
.text, #text, p{  
    color:#F1939A  
}
```

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 #F1939A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1939A
}
```

## Border

The CSS property to change the border of an element to Decimal 15831962 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
#F1939A }
```

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

```
.border{ border-color:#F1939A }
```

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

Here you see how a box with a 4 pixel #F1939A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1939A; -webkit-box-shadow:4px 4px  
4px 4px #F1939A; box-shadow:4px 4px 4px  
4px #F1939A }
```

# Background

The CSS property to change the background color of an element to Decimal 15831962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1939A }
```

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

```
.background{ background-color:#F1939A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor