

# Converting Colors

Decimal(15950440)

Have a look what the booklet for  
Decimal(15950440) contains.

<b>Decimal(15950440)</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(15950440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F36268
RGB	243, 98, 104
RGB Percent	95%, 38%, 41%
CMY	0.0471, 0.6157, 0.5922
CMYK	0.00, 0.60, 0.57, 0.05
HSL	358°, 86%, 67%
HSV	358°, 60%, 95%
XYZ	43.8285, 28.7895, 16.3436
YIQ	142.0390, 84.4940, 32.6060

# Conversions

## Conversions Part 2

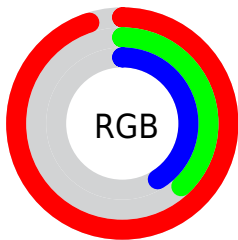
Format	Color
R <sub>Y</sub> B	243, 98, 104
Decimal	15950440
CIE Lab	60.60, 56.13, 25.77
CIE LCh	61, 61.767, 24.660
Yxy	28.7895, 0.4927, 0.3236
Android (android.graphics.Color)	4294140520 (0xFF36268)
YUV	142.0390, -18.7532, 88.5428
Hunter-Lab	53.6559, 51.9090, 19.4993

# Details

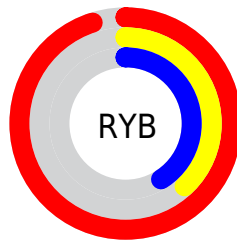
The Decimal color **15950440** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6484973**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16751259**, and **11872313** is the 20% darker color. If you saturate the color by 10%, you get **15944273**, and if you desaturate by 10%, it is **15956607**.

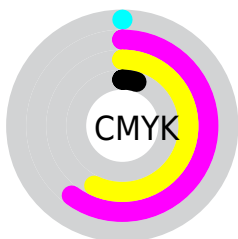
# Distribution



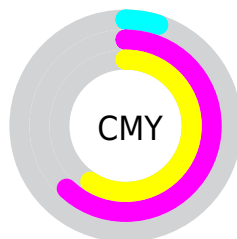
- Red (95%)
- Green (38%)
- Blue (41%)



- Red (95%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (5%)



- Cyan (5%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15950440 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 15950440 by changing the saturation by 10% instead.



 15950440

 15950440

16777215

 13911632


 16751259

 11872313

 16758454

 9895972

 16765906

 7864335

 16773358

 5963776

 4128770

 1900545

 0

 15950440

 15950440

 15944273

 15956607

 15937849

 15963031

 15931682

 15969198

 15925515

 15975365

 15925258

 15981532

 15987956

 15990783

# Harmonies

## Analogous

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



15687326



15950440



14579257

# Triad

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



15950440



3581519



39935

# Complementary

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



15950440



6484973

# 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.



42986



15950440



43910

# Square

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



15950440



8559650



44222



8423670

# Rectangle

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



15950440



12944671



44222



41211



# Sweetspot

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



15950440



16765395



15491827



8414053



0



8421504



# Same Dimension

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



15950440



16729935



15967074



8023663



12189704



3866626



# Inverse Universe

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



15950440



16729935



6468339



8023663



12189704



3866626



# Previews

## White Background



This preview shows how the Decimal color 15950440 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 15950440 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15950440 Background



This preview shows how black text looks on a background with the Decimal color 15950440.



This preview shows how white text looks on a background with the Decimal color 15950440.

# 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**  
15950440

# Trichromacy



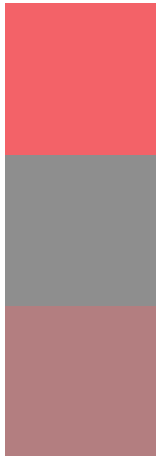
**Original Color**  
15950440

**Protanomaly**  
12222838

**Deuteranomaly**  
13139300

**Tritanomaly**  
15950440

# Monochromacy



**Original Color**  
15950440

**Achromatopsia**  
9342606

**Achromatomaly**  
11763328

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15950440 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 #F36268 looks like.

```
.text, #text, p{  
    color:#F36268  
}
```

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 #F36268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F36268
}
```

## Border

The CSS property to change the border of an element to Decimal 15950440 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
#F36268 }
```

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

```
.border{ border-color:#F36268 }
```

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

Here you see how a box with a 4 pixel #F36268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F36268; -webkit-box-shadow:4px 4px  
4px 4px #F36268; box-shadow:4px 4px 4px  
4px #F36268 }
```

# Background

The CSS property to change the background color of an element to Decimal 15950440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F36268 }
```

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

```
.background{ background-color:#F36268 }
```

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