

# Converting Colors

Decimal(16399967)

Have a look what the booklet for  
Decimal(16399967) contains.

<b>Decimal(16399967)</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(16399967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA3E5F
RGB	250, 62, 95
RGB Percent	98%, 24%, 37%
CMY	0.0196, 0.7569, 0.6275
CMYK	0.00, 0.75, 0.62, 0.02
HSL	349°, 95%, 61%
HSV	349°, 75%, 98%
XYZ	43.2125, 24.5955, 13.2963
YIQ	121.9740, 101.4550, 50.1190

# Conversions

## Conversions Part 2

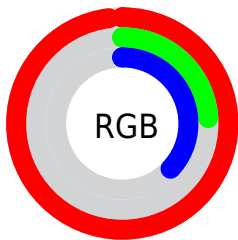
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 62, 95
Decimal	16399967
CIE <sub>Lab</sub>	56.68, 71.20, 26.08
CIE <sub>LCh</sub>	57, 75.824, 20.121
Yxy	24.5955, 0.5328, 0.3033
Android (android.graphics.Color)	4294590047 (0xFFFA3E5F)
YUV	121.9740, -13.2982, 112.2788
Hunter-Lab	49.5938, 68.7430, 18.8198

# Details

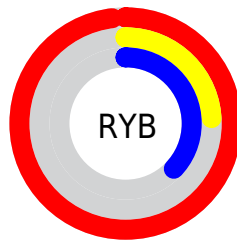
The Decimal color **16399967** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **4127449**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16743569**, and **12189745** is the 20% darker color. If you saturate the color by 10%, you get **16393546**, and if you desaturate by 10%, it is **16406388**.

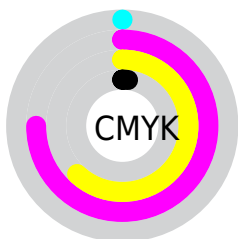
# Distribution



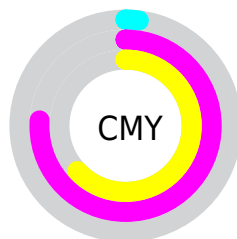
- Red (98%)
- Green (24%)
- Blue (37%)



- Red (98%)
- Yellow (24%)
- Blue (37%)



- Cyan (0%)
- Magenta (75%)
- Yellow (62%)
- Black (2%)



- Cyan (2%)
- Magenta (76%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16399967 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 16399967 by changing the saturation by 10% instead.



 16399967

 16399967


16777215

 14291528

 16743569

 12189745

 16751276

 10158109

 16758727

 8060933

 16766435

 6029314

 16774143

 4128771

 1769473

 0

 16399967

 16399967

■ 16393546

■ 16406388

■ 16387126

■ 16412808

■ 16384044

■ 16419229

■ 16425649

■ 16432070

■ 16438491

■ 16444911

■ 16449535

# Harmonies

## Analogous

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



15809953



16399967



14901023

# Triad

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



16399967



106025



38655

# Complementary

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



16399967



4127449

# 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.



41709



16399967



42095

# Square

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



16399967



8032768



42420



4948223

# Rectangle

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



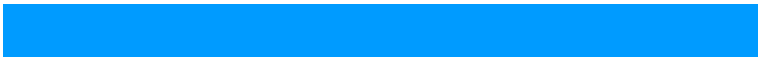
16399967



13071360



42420



39935



# Sweetspot

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



16399967



16762063



14171898



8412258



0



8421504



# Same Dimension

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



16399967



16718146



16415294



8220787



12386337



3997707



# Inverse Universe

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



16399967



16718146



4112122



8220787



12386337



3997707



# Previews

## White Background



This preview shows how the Decimal color 16399967 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 16399967 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 16399967 Background



This preview shows how black text looks on a background with the Decimal color 16399967.

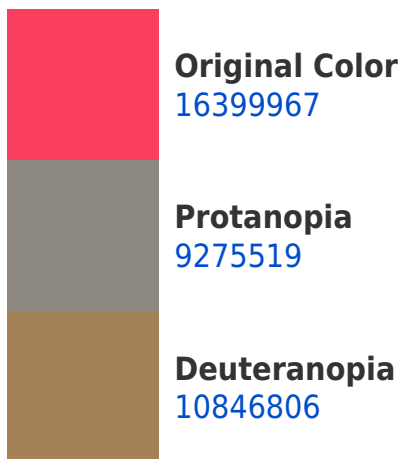



This preview shows how white text looks on a background with the Decimal color 16399967.

# 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](#).

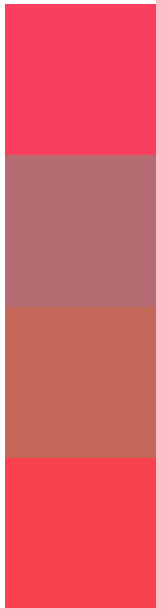
## Dichromacy





**Tritanopia**  
16335686

# Trichromacy



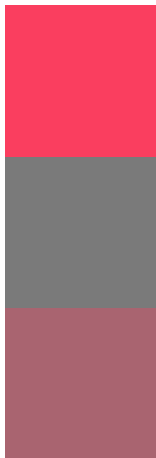
**Original Color**  
16399967

**Protanomaly**  
11890035

**Deuteranomaly**  
12872025

**Tritanomaly**  
16335183

# Monochromacy



**Original Color**  
16399967

**Achromatopsia**  
8026746

**Achromatomaly**  
11101296

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16399967 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 #FA3E5F looks like.

```
.text, #text, p{  
  color:#FA3E5F  
}
```

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 #FA3E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA3E5F
}
```

## Border

The CSS property to change the border of an element to Decimal 16399967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

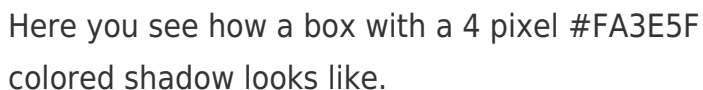
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA3E5F }
```

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

```
.border{ border-color:#FA3E5F }
```

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



Here you see how a box with a 4 pixel `#FA3E5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA3E5F; -webkit-box-shadow:4px 4px  
4px 4px #FA3E5F; box-shadow:4px 4px 4px  
4px #FA3E5F }
```

# Background

The CSS property to change the background color of an element to Decimal 16399967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA3E5F }
```

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

```
.background{ background-color:#FA3E5F }
```

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