

# Converting Colors

Decimal(16013134)

Have a look what the booklet for  
Decimal(16013134) contains.

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# Color

**Decimal(16013134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4574E
RGB	244, 87, 78
RGB Percent	96%, 34%, 31%
CMY	0.0431, 0.6588, 0.6941
CMYK	0.00, 0.64, 0.68, 0.04
HSL	3°, 88%, 63%
HSV	3°, 68%, 96%
XYZ	42.0916, 26.5995, 10.1235
YIQ	132.9170, 96.4610, 30.4850

# Conversions

## Conversions Part 2

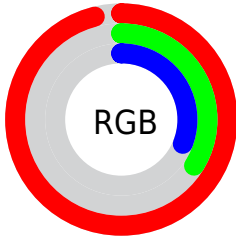
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 88, 78
Decimal	16013134
CIE Lab	58.60, 59.56, 38.02
CIE LCh	59, 70.656, 32.553
Yxy	26.5995, 0.5341, 0.3375
Android (android.graphics.Color)	4294203214 (0xFFFF4574E)
YUV	132.9170, -27.0741, 97.4198
Hunter-Lab	51.5747, 55.4229, 24.4644

# Details

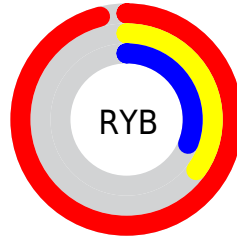
The Decimal color **16013134** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **5172212**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16748416**, and **11867425** is the 20% darker color. If you saturate the color by 10%, you get **16007222**, and if you desaturate by 10%, it is **16019046**.

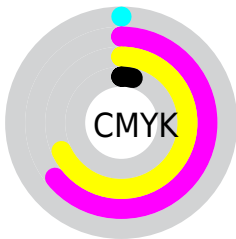
# Distribution



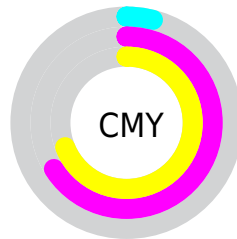
- Red (96%)
- Green (34%)
- Blue (31%)



- Red (96%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (66%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16013134 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 16013134 by changing the saturation by 10% instead.



 16013134  16013134

16777215  13908535

 16748416  11867425

 16755866  9764876

 16763317  7798784

 16770768  5767168

 16777197  3932163

 1441792

 0

 16013134  16013134

■ 16007222

■ 16019046

■ 16001309

■ 16024959

■ 15995397

■ 16030871

■ 15994112

■ 16036784

■ 16042696

■ 16048608

■ 16054777

■ 16056319

# Harmonies

## Analogous

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



16271754



16013134



13988881

# Triad

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



16013134



42320



37887

# Complementary

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



16013134



5172212

# 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.



41723



16013134



43409

# Square

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



16013134



6659081



43214



9534198

# Rectangle

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



16013134



11961600



43214



39423



# Sweetspot

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



16013134



16764876



16010988



8414049



0



8421504



# Same Dimension

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



16013134



16726318



16034126



8023918



12192256



3867392



# Inverse Universe

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



5172212



3077375



5151220



7240314



45242



14139



# Previews

## White Background



This preview shows how the Decimal color 16013134 looks on a white background.

## Color Contrast Check

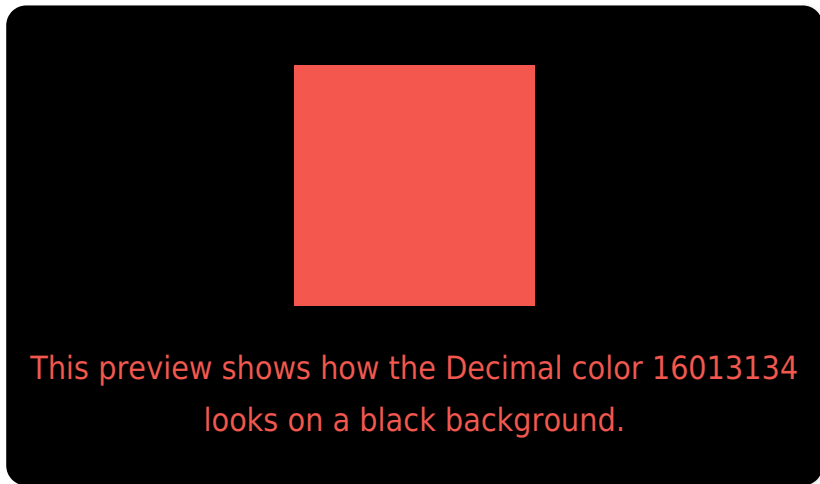
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16013134 Background



This preview shows how black text looks on a background with the Decimal color 16013134.



This preview shows how white text looks on a background with the Decimal color 16013134.

# 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**  
16013134

**Protanopia**  
10063202

**Deuteranopia**  
11437893



**Tritanopia**  
16078170

# Trichromacy



**Original Color**  
16013134

**Protanomaly**  
12220763

**Deuteranomaly**  
13071944

**Tritanomaly**  
16078422

# Monochromacy



**Original Color**  
16013134

**Achromatopsia**  
8750469

**Achromatomaly**  
11367537

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16013134 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 #F4574E looks like.

```
.text, #text, p{  
    color:#F4574E  
}
```

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 #F4574E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4574E
}
```

## Border

The CSS property to change the border of an element to Decimal 16013134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

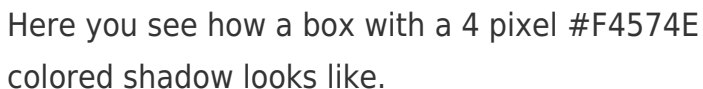
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4574E }
```

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

```
.border{ border-color:#F4574E }
```

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



Here you see how a box with a 4 pixel #F4574E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4574E; -webkit-box-shadow:4px 4px  
4px 4px #F4574E; box-shadow:4px 4px 4px  
4px #F4574E }
```

# Background

The CSS property to change the background color of an element to Decimal 16013134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4574E }
```

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

```
.background{ background-color:#F4574E }
```

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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