

# Converting Colors

Decimal(15671645)

Have a look what the booklet for  
Decimal(15671645) contains.

<b>Decimal(15671645)</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(15671645)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF215D
RGB	239, 33, 93
RGB Percent	94%, 13%, 36%
CMY	0.0627, 0.8706, 0.6353
CMYK	0.00, 0.86, 0.61, 0.06
HSL	343°, 87%, 53%
HSV	343°, 86%, 94%
XYZ	38.1162, 20.2287, 12.2515
YIQ	101.4340, 103.5160, 62.3320

# Conversions

## Conversions Part 2

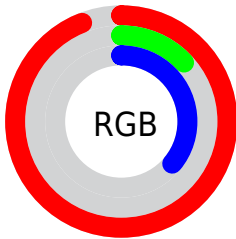
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 33, 93
Decimal	15671645
CIE Lab	52.09, 75.21, 20.85
CIE LCh	52, 78.042, 15.496
Yxy	20.2287, 0.5399, 0.2865
Android (android.graphics.Color)	4293861725 (0xFFEF215D)
YUV	101.4340, -4.1580, 120.6454
Hunter-Lab	44.9764, 72.5652, 15.3329

# Details

The Decimal color **15671645** 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 **2224051**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16738703**, and **11468848** is the 20% darker color. If you saturate the color by 10%, you get **15665484**, and if you desaturate by 10%, it is **15677806**.

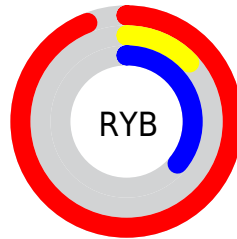
# Distribution



Red (94%)

Green (13%)

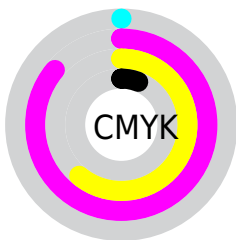
Blue (36%)



Red (94%)

Yellow (13%)

Blue (36%)

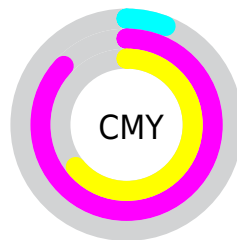


Cyan (0%)

Magenta (86%)

Yellow (61%)

Black (6%)



Cyan (6%)

Magenta (87%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15671645 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 15671645 by changing the saturation by 10% instead.



 15671645

 15671645

16777215

 13566022

 16738703

 11468848

 16746409

 9437212

 16754116

 7405569

 16761824

 5373955

 16769533

 3342338

 0

 15671645

 15671645

 15665484

 15677806

■ 15663174

■ 15683967

■ 15690128

■ 15696289

■ 15702194

■ 15708355

■ 15714516

■ 15720677

■ 15726837

# Harmonies

## Analogous

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



14756512



15671645



14437146

# Triad

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



15671645



889088



36607

# Complementary

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



15671645



2224051

# 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.



38875



15671645



38744

# Square

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



15671645



7832576



39326



31231

# Rectangle

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



15671645



12673792



39326



37623



# Sweetspot

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



15671645



16760272



11608559



8411235



0



8421504



# Same Dimension

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



15671645



16711754



15682081



7892079



12058677



3670032



# Inverse Universe

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



15671645



16711754



2213615



7892079



12058677

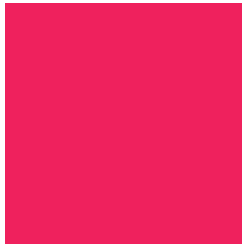


3670032



# Previews

## White Background



This preview shows how the Decimal color 15671645 looks on a white background.

## Color Contrast Check

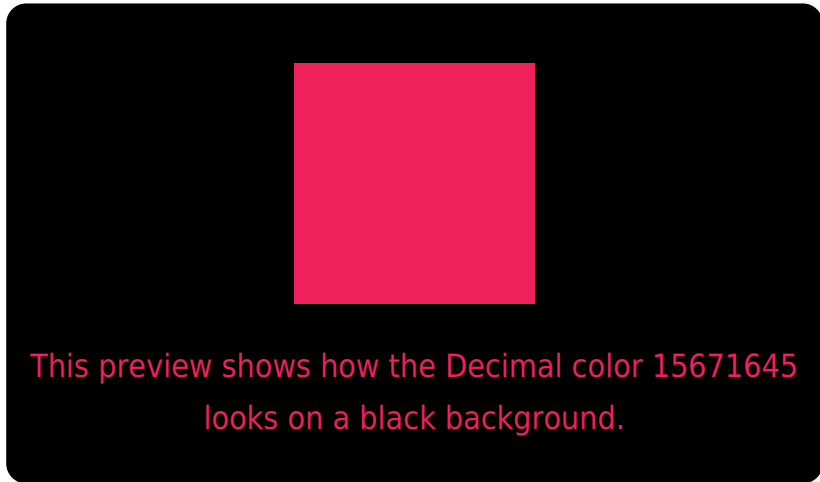
Large Text (above 18pt) WCAG AA ✓ Pass

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 15671645 Background



This preview shows how black text looks on a background with the Decimal color 15671645.

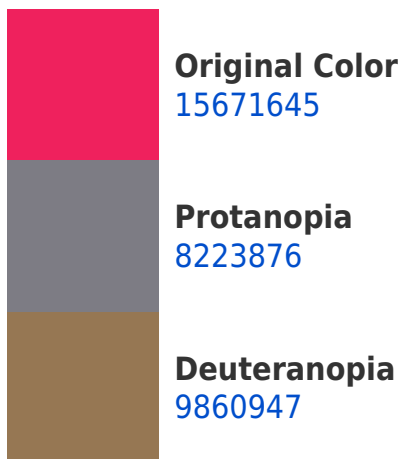


This preview shows how white text looks on a background with the Decimal color 15671645.

# 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](#).

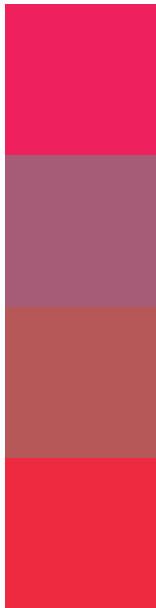
## Dichromacy





**Tritanopia**  
15544111

# Trichromacy



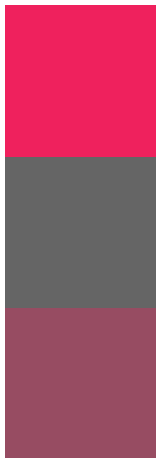
**Original Color**  
15671645

**Protanomaly**  
10902390

**Deuteranomaly**  
11950167

**Tritanomaly**  
15608384

# Monochromacy



**Original Color**  
15671645

**Achromatopsia**  
6645093

**Achromatomaly**  
9915490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15671645 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 #EF215D looks like.

```
.text, #text, p{  
    color:#EF215D  
}
```

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 #EF215D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF215D
}
```

## Border

The CSS property to change the border of an element to Decimal 15671645 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
#EF215D }
```

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

```
.border{ border-color:#EF215D }
```

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

Here you see how a box with a 4 pixel #EF215D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF215D; -webkit-box-shadow:4px 4px  
4px 4px #EF215D; box-shadow:4px 4px 4px  
4px #EF215D }
```

# Background

The CSS property to change the background color of an element to Decimal 15671645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF215D }
```

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

```
.background{ background-color:#EF215D }
```

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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