

# Converting Colors

Decimal(15946077)

Have a look what the booklet for  
Decimal(15946077) contains.

<b>Decimal(15946077)</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(15946077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3515D
RGB	243, 81, 93
RGB Percent	95%, 32%, 36%
CMY	0.0471, 0.6824, 0.6353
CMYK	0.00, 0.67, 0.62, 0.05
HSL	356°, 87%, 64%
HSV	356°, 67%, 95%
XYZ	41.8804, 25.7299, 13.1149
YIQ	130.8060, 92.7000, 38.0760

# Conversions

## Conversions Part 2

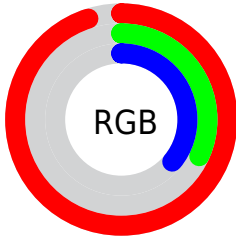
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 81, 93
Decimal	15946077
CIE <sub>Lab</sub>	57.78, 62.46, 28.43
CIE <sub>LCh</sub>	58, 68.628, 24.477
Yxy	25.7299, 0.5188, 0.3187
Android (android.graphics.Color)	4294136157 (0xFFFF3515D)
YUV	130.8060, -18.6384, 98.3941
Hunter-Lab	50.7246, 58.6090, 20.1777

# Details

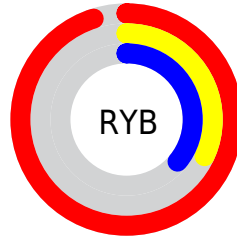
The Decimal color **15946077** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **5370855**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16747151**, and **11797039** is the 20% darker color. If you saturate the color by 10%, you get **15939911**, and if you desaturate by 10%, it is **15952244**.

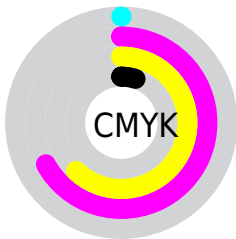
# Distribution



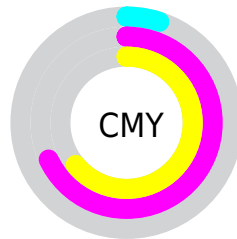
- Red (95%)
- Green (32%)
- Blue (36%)



- Red (95%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (67%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (68%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15946077 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 15946077 by changing the saturation by 10% instead.



 15946077  15946077

16777215  13840965

 16747151  11797039

 16754602  9764891

 16762053  7798785

 16769505  5767168

16777214  3932163

 1376256

 0

 15946077  15946077

 15939911

 15952244

 15933488

 15958666

 15927322

 15964833

 15925266

 15970999

 15977422

 15983588

 15989755

 15990783

# Harmonies

## Analogous

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



15682713



15946077



14379814

# Triad

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



15946077



761920



38399

# Complementary

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



15946077



5370855

# 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.



41452



15946077



42365

# Square

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



15946077



7837184



42683



7438585

# Rectangle

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



15946077



12614912



42683



39679



# Sweetspot

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



15946077



16764112



15028723



8413539



0



8421504



# Same Dimension

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



15946077



16724802



15963473



8023663



12189710



3866628



# Inverse Universe

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



15946077



16724802



5353715



8023663



12189710



3866628



# Previews

## White Background



This preview shows how the Decimal color 15946077 looks on a white background.

## Color Contrast Check

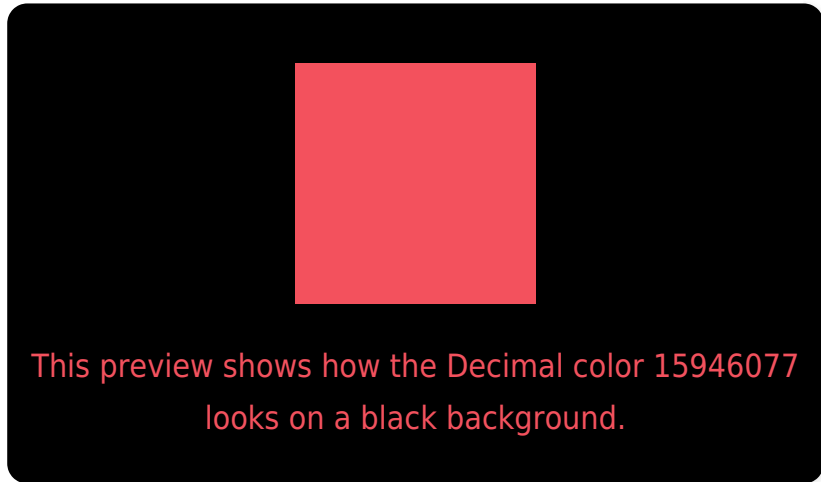
Large Text (above 18pt) WCAG AA ✓ Pass

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 15946077 Background



This preview shows how black text looks on a background with the Decimal color 15946077.



This preview shows how white text looks on a background with the Decimal color 15946077.

# 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





# Trichromacy



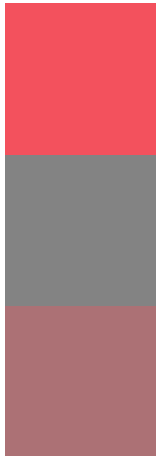
**Original Color**  
15946077

**Protanomaly**  
11957869

**Deuteranomaly**  
12874328

**Tritanomaly**  
15946329

# Monochromacy



**Original Color**  
15946077

**Achromatopsia**  
8618883

**Achromatomaly**  
11301237

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15946077 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 #F3515D looks like.

```
.text, #text, p{  
    color:#F3515D  
}
```

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 #F3515D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3515D
}
```

## Border

The CSS property to change the border of an element to Decimal 15946077 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
#F3515D }
```

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

```
.border{ border-color:#F3515D }
```

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

Here you see how a box with a 4 pixel #F3515D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3515D; -webkit-box-shadow:4px 4px  
4px 4px #F3515D; box-shadow:4px 4px 4px  
4px #F3515D }
```

# Background

The CSS property to change the background color of an element to Decimal 15946077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3515D }
```

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

```
.background{ background-color:#F3515D }
```

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