

# Converting Colors

Decimal(15597642)

Have a look what the booklet for  
Decimal(15597642) contains.

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**Color**

**Decimal(15597642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE004A
RGB	238, 0, 74
RGB Percent	93%, 0%, 29%
CMY	0.0667, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.69, 0.07
HSL	341°, 100%, 47%
HSV	341°, 100%, 93%
XYZ	36.4959, 18.6716, 8.1590
YIQ	79.5980, 118.0940, 73.4700

# Conversions

## Conversions Part 2

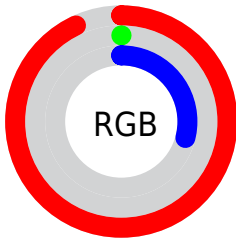
Format	Color
<a href="#">RYB</a>	238, 0, 74
Decimal	15597642
CIELab	50.30, 77.64, 29.99
CIElCh	50, 83.230, 21.123
Yxy	18.6716, 0.5763, 0.2948
Android (android.graphics.Color)	4293787722 (0xFFEE004A)
YUV	79.5980, -2.7598, 138.9186
Hunter-Lab	43.2106, 75.1436, 19.0523

# Details

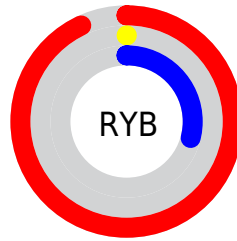
The Decimal color **15597642** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **61092**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **16735866**, and **11337759** is the 20% darker color. If you saturate the color by 10%, you get **15597642**, and if you desaturate by 10%, it is **15603802**.

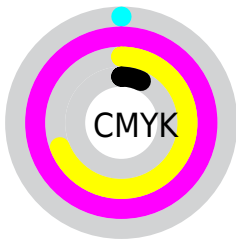
# Distribution



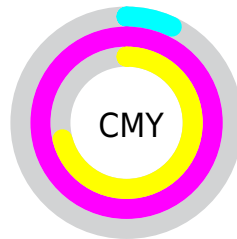
- Red (93%)
- Green (0%)
- Blue (29%)



- Red (93%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15597642 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 15597642 by changing the saturation by 10% instead.



 15597642	 15597642
16777215	 13434932
 16735866	 11337759
 16743828	 9240585
 16751791	 7143426
 16759498	 5242884
 16767206	 3080194
 16774911	 0

 15597642

 15603802

 15609963

 15615867

 15622028

 15628188

 15634348

 15640509

 15646413

 15652574

# Harmonies

## Analogous

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



15138960



15597642



13912320

# Triad

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



15597642



36355



34815

# Complementary

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



15597642



61092

# 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.



37606



15597642



37984

# Square

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



15597642



6456064



38313



1601534

# Rectangle

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



15597642



11887360



38313



36095



# Sweetspot

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



15597642



16757706



10682606



8409696



0



8421504



# Same Dimension

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



15597642



16711759



15608832



7892080



12058681



3670033



# Inverse Universe

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



15597642



16711759



49902



7892080



12058681



3670033



# Previews

## White Background



This preview shows how the Decimal color 15597642 looks on a white background.

## Color Contrast Check

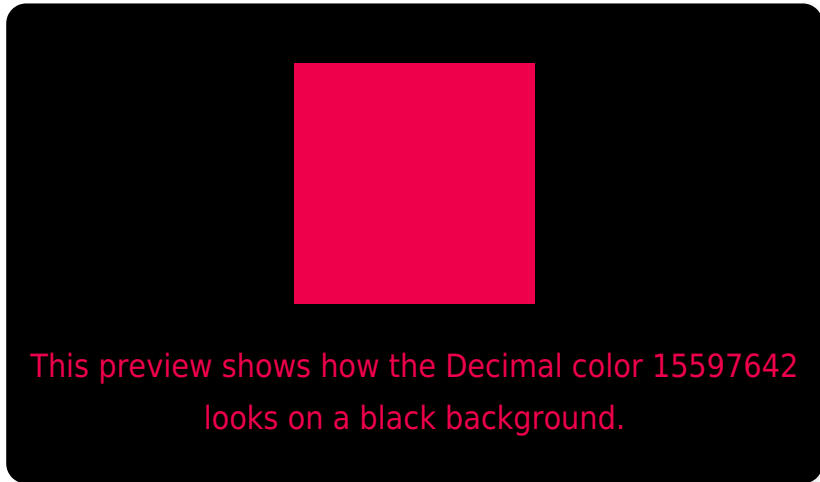
Large Text (above 18pt) WCAG AA ✓ Pass

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 15597642 Background



This preview shows how black text looks on a background with the Decimal color 15597642.

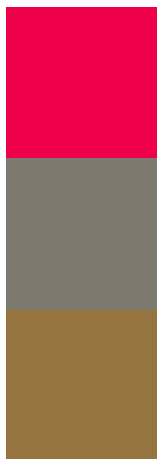


This preview shows how white text looks on a background with the Decimal color 15597642.

# 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**

15597642

**Protanopia**

8288622

**Deuteranopia**

9794623



# Trichromacy



**Original Color**

15597642



**Protanomaly**

10964321



**Deuteranomaly**

11881027



**Tritanomaly**

15536939

# Monochromacy



**Original Color**

15597642



**Achromatopsia**

5263440



**Achromatomaly**

8991566

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15597642 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 #EE004A looks like.

```
.text, #text, p{  
  color:#EE004A  
}
```

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 #EE004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE004A
}
```

## Border

The CSS property to change the border of an element to Decimal 15597642 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
#EE004A }
```

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

```
.border{ border-color:#EE004A }
```

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

Here you see how a box with a 4 pixel #EE004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE004A; -webkit-box-shadow:4px 4px  
4px 4px #EE004A; box-shadow:4px 4px 4px  
4px #EE004A }
```

# Background

The CSS property to change the background color of an element to Decimal 15597642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE004A }
```

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

```
.background{ background-color:#EE004A }
```

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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