

# Converting Colors

Decimal(15794242)

Have a look what the booklet for  
Decimal(15794242) contains.

<b>Decimal(15794242)</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(15794242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F10042
RGB	241, 0, 66
RGB Percent	95%, 0%, 26%
CMY	0.0549, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.73, 0.05
HSL	344°, 100%, 47%
HSV	344°, 100%, 95%
XYZ	37.2590, 19.0941, 6.8760
YIQ	79.5830, 122.4500, 71.6180

# Conversions

## Conversions Part 2

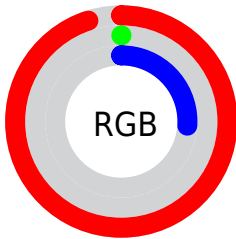
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 0, 66
Decimal	15794242
CIE <sub>Lab</sub>	50.80, 78.01, 35.52
CIE <sub>LCh</sub>	51, 85.721, 24.482
Yxy	19.0941, 0.5893, 0.3020
Android (android.graphics.Color)	4293984322 (0xFFFF10042)
YUV	79.5830, -6.6964, 141.5627
Hunter-Lab	43.6968, 75.7323, 21.2580

# Details

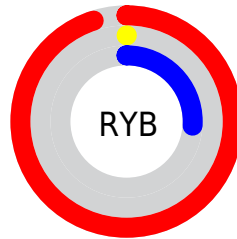
The Decimal color **15794242** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark saturated red. A complement of this color would be **61871**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **16736114**, and **11534360** is the 20% darker color. If you saturate the color by 10%, you get **15794242**, and if you desaturate by 10%, it is **15800404**.

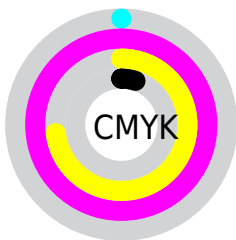
# Distribution



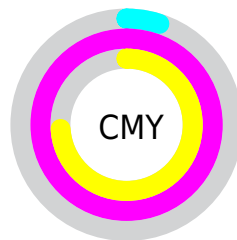
- Red (95%)
- Green (0%)
- Blue (26%)



- Red (95%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15794242 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 15794242 by changing the saturation by 10% instead.



 15794242	 15794242
16777215	 13631532
 16736114	 11534360
 16744075	 9437184
 16751782	 7274498
 16759489	 5308420
 16767197	 3211266
 16775161	 0

 15794242

 15800404

 15806565

 15812727

 15818888

 15825050

 15831467

 15837629

 15843790

 15849951

# Harmonies

## Analogous

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



15663242



15794242



13847808

# Triad

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



15794242



37137



34815

# Complementary

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



15794242



61871

# 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.



38129



15794242



38505

# Square

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



15794242



5867008



38836



4222207

# Rectangle

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



15794242



11691776



38836



36351



# Sweetspot

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



15794242



16757703



11337969



8409694



0



8421504



# Same Dimension

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



15794242



16711750



15807488



7892079



12058674



3670031



# Inverse Universe

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



15794242



16711750



48625



7892079



12058674



3670031



# Previews

## White Background



This preview shows how the Decimal color 15794242 looks on a white background.

## Color Contrast Check

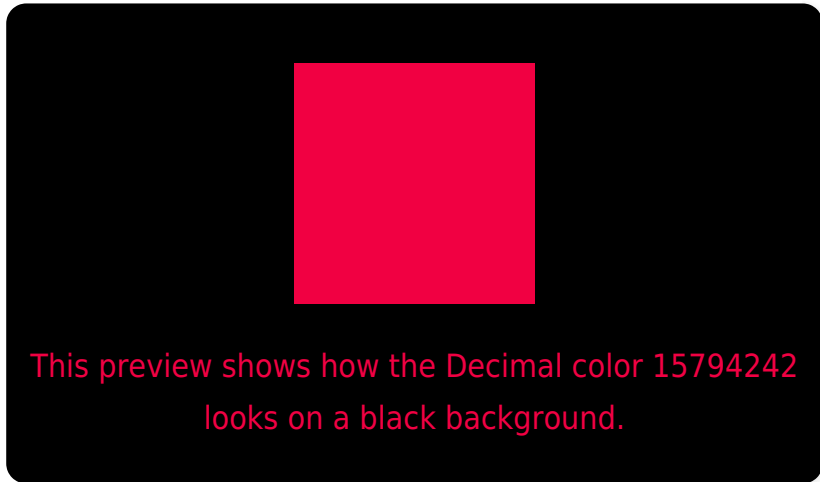
Large Text (above 18pt) WCAG AA ✓ Pass

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 15794242 Background



This preview shows how black text looks on a background with the Decimal color 15794242.

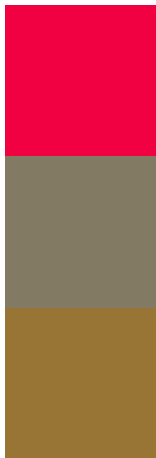


This preview shows how white text looks on a background with the Decimal color 15794242.

# 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**  
15794242

**Protanopia**  
8551011

**Deuteranopia**  
9991477



**Tritanopia**  
15735572

# Trichromacy



**Original Color**  
15794242



**Protanomaly**  
11161175



**Deuteranomaly**  
12077626



**Tritanomaly**  
15733029

# Monochromacy



**Original Color**  
15794242



**Achromatopsia**  
5263440



**Achromatomaly**  
9122635

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15794242 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 #F10042 looks like.

```
.text, #text, p{  
  color:#F10042  
}
```

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 #F10042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F10042
}
```

## Border

The CSS property to change the border of an element to Decimal 15794242 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".

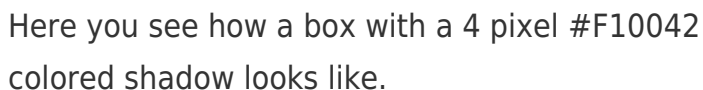
```
.border, #border, table{ border:4px solid
#F10042 }
```

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

```
.border{ border-color:#F10042 }
```

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

Here you see how a box with a 4 pixel #F10042 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F10042; -webkit-box-shadow:4px 4px  
4px 4px #F10042; box-shadow:4px 4px 4px  
4px #F10042 }
```

# Background

The CSS property to change the background color of an element to Decimal 15794242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F10042 }
```

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

```
.background{ background-color:#F10042 }
```

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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