

# Converting Colors

Decimal(15794268)

Have a look what the booklet for  
Decimal(15794268) contains.

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**Color**

**Decimal(15794268)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1005C
RGB	241, 0, 92
RGB Percent	95%, 0%, 36%
CMY	0.0549, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.62, 0.05
HSL	337°, 100%, 47%
HSV	337°, 100%, 95%
XYZ	38.2074, 19.4735, 11.8702
YIQ	82.5470, 114.1040, 79.7040

# Conversions

## Conversions Part 2

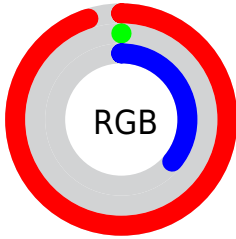
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 0, 92
Decimal	15794268
CIE Lab	51.24, 79.20, 20.38
CIE LCh	51, 81.779, 14.433
Yxy	19.4735, 0.5493, 0.2800
Android (android.graphics.Color)	4293984348 (0xFFFF1005C)
YUV	82.5470, 4.6603, 138.9633
Hunter-Lab	44.1288, 77.3228, 14.9417

# Details

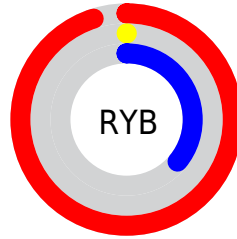
The Decimal color **15794268** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **61845**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16736142**, and **11599919** is the 20% darker color. If you saturate the color by 10%, you get **15794268**, and if you desaturate by 10%, it is **15800427**.

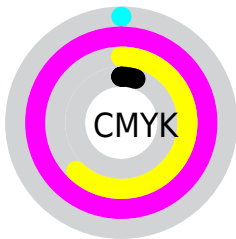
# Distribution



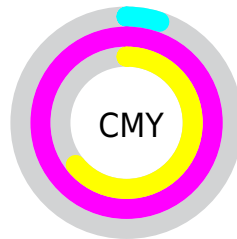
- Red (95%)
- Green (0%)
- Blue (36%)



- Red (95%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (5%)



















- Cyan (5%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15794268 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 15794268 by changing the saturation by 10% instead.



 15794268	 15794268
 16777215	 13697093
 16736142	 11599919
 16744360	 9502747
 16752067	 7471106
 16759775	 5439492
 16767739	 3342338
 16775423	 0

 15794268

 15800427

 15806586

 15812745

 15818904

 15825062

 15831477

 15837636

 15843795

 15849954

# Harmonies

## Analogous

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



14818209



15794268



14566164

# Triad

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



15794268



36608



36351

# Complementary

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



15794268



61845

# 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.



38620



15794268



38226

# Square

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



15794268



7700992



38811



30975

# Rectangle

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



15794268



12738048



38811



37369



# Sweetspot

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



15794268



16757712



9765105



8409699



0



8421504



# Same Dimension

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



15794268



16711777



15801344



7892080



12058694



3670037



# Inverse Universe

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



15794268



16711777



54769



7892080



12058694



3670037



# Previews

## White Background



This preview shows how the Decimal color 15794268 looks on a white background.

## Color Contrast Check

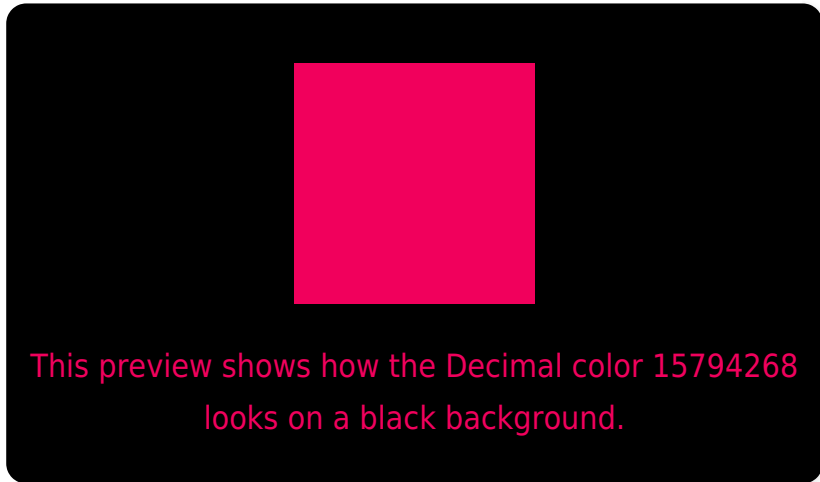
Large Text (above 18pt) WCAG AA ✓ Pass

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 15794268 Background



This preview shows how black text looks on a background with the Decimal color 15794268.



This preview shows how white text looks on a background with the Decimal color 15794268.

# 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**  
15794268

**Protanopia**  
8092551

**Deuteranopia**  
9729618



**Tritanopia**  
15672610

# Trichromacy



**Original Color**

15794268



**Protanomaly**

10899063



**Deuteranomaly**

11946838



**Tritanomaly**

15734839

# Monochromacy



**Original Color**

15794268



**Achromatopsia**

5460819



**Achromatomaly**

9188694

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15794268 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 #F1005C looks like.

```
.text, #text, p{  
    color:#F1005C  
}
```

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 #F1005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1005C
}
```

## Border

The CSS property to change the border of an element to Decimal 15794268 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
#F1005C }
```

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

```
.border{ border-color:#F1005C }
```

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

Here you see how a box with a 4 pixel #F1005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1005C; -webkit-box-shadow:4px 4px  
4px 4px #F1005C; box-shadow:4px 4px 4px  
4px #F1005C }
```

# Background

The CSS property to change the background color of an element to Decimal 15794268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1005C }
```

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

```
.background{ background-color:#F1005C }
```

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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