

# Converting Colors

Decimal(15728671)

Have a look what the booklet for  
Decimal(15728671) contains.

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# Color

**Decimal(15728671)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0001F
RGB	240, 0, 31
RGB Percent	94%, 0%, 12%
CMY	0.0588, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.87, 0.06
HSL	352°, 100%, 47%
HSV	352°, 100%, 94%
XYZ	36.1825, 18.6242, 2.9841
YIQ	75.2940, 133.0890, 60.5210

# Conversions

## Conversions Part 2

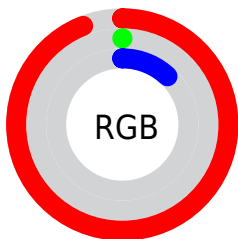
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 0, 31
Decimal	15728671
CIE Lab	50.24, 76.84, 53.92
CIE LCh	50, 93.865, 35.057
Yxy	18.6242, 0.6261, 0.3223
Android (android.graphics.Color)	4293918751 (0xFFFF001F)
YUV	75.2940, -21.8369, 144.4472
Hunter-Lab	43.1558, 74.1348, 26.1093

# Details

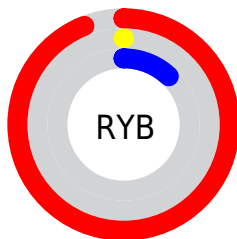
The Decimal color **15728671** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **61649**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16735822**, and **11403264** is the 20% darker color. If you saturate the color by 10%, you get **15728671**, and if you desaturate by 10%, it is **15734836**.

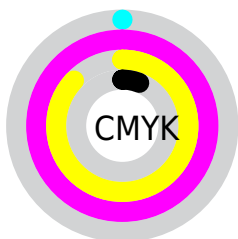
# Distribution



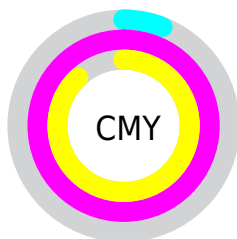
- Red (94%)
- Green (0%)
- Blue (12%)



- Red (94%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15728671 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 15728671 by changing the saturation by 10% instead.



 15728671	 15728671
16777215	 13565959
 16735822	 11403264
 16743783	 9240576
 16751489	 7077890
 16759195	 5177348
 16766902	 3014658
 16774610	 0
 16777199	
 15728671	

 15734836

 15741001

 15747166

 15753331

 15759495

 15765660

 15771825

 15777990

 15784155

# Harmonies

## Analogous

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



16515182



15728671



12932864

# Triad

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



15728671



37676



32767

# Complementary

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



15728671



61649

# 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.



37375



15728671



38788

# Square

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



15728671



2329344



38867



8215037

# Rectangle

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



15728671



10317824



38867



34815



# Sweetspot

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



15728671



16757692



13631728



8409688



0



8421504



# Same Dimension

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



15728671



16711713



15751168



7892077



12058648



3670023



# Inverse Universe

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



15728671



16711713



39152



7892077



12058648



3670023



# Previews

## White Background



This preview shows how the Decimal color 15728671 looks on a white background.

## Color Contrast Check

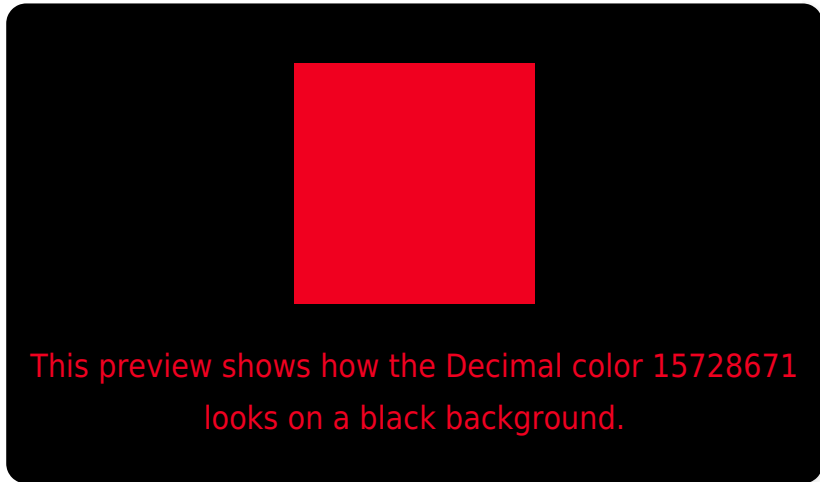
Large Text (above 18pt) WCAG AA ✓ Pass

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 15728671 Background



This preview shows how black text looks on a background with the Decimal color 15728671.



This preview shows how white text looks on a background with the Decimal color 15728671.

# 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**  
15728671

**Protanopia**  
8878389

**Deuteranopia**  
10056448



**Tritanopia**  
15668736

# Trichromacy



**Original Color**  
15728671



**Protanomaly**  
11357485



**Deuteranomaly**  
12142859



**Tritanomaly**  
15666699

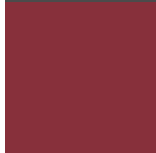
# Monochromacy



**Original Color**  
15728671



**Achromatopsia**  
4934475



**Achromatomaly**  
8859707

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15728671 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 #F0001F looks like.

```
.text, #text, p{  
    color:#F0001F  
}
```

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 #F0001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0001F
}
```

## Border

The CSS property to change the border of an element to Decimal 15728671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

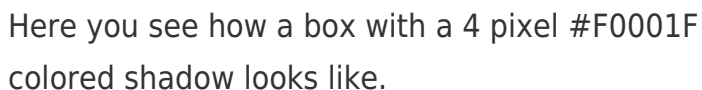
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0001F }
```

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

```
.border{ border-color:#F0001F }
```

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



Here you see how a box with a 4 pixel `#F0001F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0001F; -webkit-box-shadow:4px 4px  
4px 4px #F0001F; box-shadow:4px 4px 4px  
4px #F0001F }
```

# Background

The CSS property to change the background color of an element to Decimal 15728671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0001F }
```

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

```
.background{ background-color:#F0001F }
```

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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