

# Converting Colors

Decimal(15999238)

Have a look what the booklet for  
Decimal(15999238) contains.

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**Color**

**Decimal(15999238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F42106
RGB	244, 33, 6
RGB Percent	96%, 13%, 2%
CMY	0.0431, 0.8706, 0.9765
CMYK	0.00, 0.86, 0.98, 0.04
HSL	7°, 95%, 49%
HSV	7°, 98%, 96%
XYZ	37.8850, 20.3340, 2.1004
YIQ	93.0110, 134.4230, 36.3350

# Conversions

## Conversions Part 2

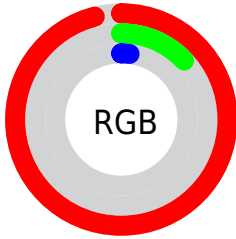
Format	Color
R <sub>Y</sub> B	244, 36, 6
Decimal	15999238
CIE Lab	52.21, 73.95, 63.97
CIE LCh	52, 97.779, 40.861
Yxy	20.3340, 0.6281, 0.3371
Android (android.graphics.Color)	4294189318 (0xFFFF42106)
YUV	93.0110, -42.8964, 132.4174
Hunter-Lab	45.0932, 71.0533, 28.8036

# Details

The Decimal color **15999238** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **449012**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **16738366**, and **11599872** is the 20% darker color. If you saturate the color by 10%, you get **15997952**, and if you desaturate by 10%, it is **16004894**.

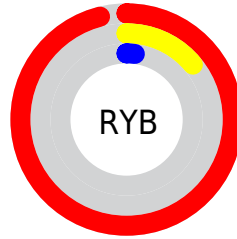
# Distribution



Red (96%)

Green (13%)

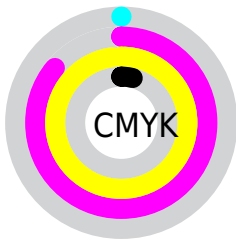
Blue (2%)



Red (96%)

Yellow (14%)

Blue (2%)

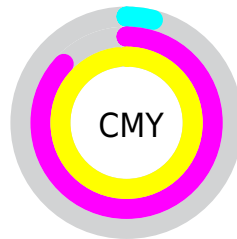


Cyan (0%)

Magenta (86%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (87%)




















Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15999238 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 15999238 by changing the saturation by 10% instead.



 15999238	 15999238
 16777212	 13762560
 16738366	 11599872
 16746072	 9437184
 16753777	 7340033
 16761484	 5373955
 16769191	 3276802
 16776899	 0
 16777183	
 15999238	 15999238

■ 15997952

■ 16004894

■ 16010295

■ 16015951

■ 16021608

■ 16027008

■ 16032664

■ 16038065

■ 16043721

■ 16049378

# Harmonies

## Analogous

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



16711779



15999238



12739328

# Triad

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



15999238



39489



32767

# Complementary

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



15999238



449012

# 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.



38399



15999238



40346

# Square

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



15999238



37632



40426



10375678

# Rectangle

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



15999238



9861888



40426



35071



# Sweetspot

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



15999238



16760245



15992540



8411219



0



8421504



# Same Dimension

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



15999238



16719104



16028934



8024174



12195072

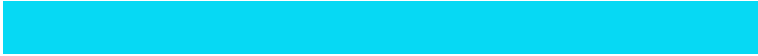


3868416



# Inverse Universe

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



449012



58111



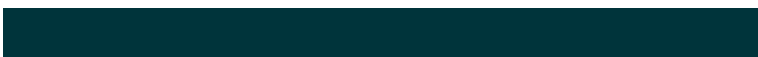
419316



7240058



42426



13371



# Previews

## White Background



This preview shows how the Decimal color 15999238 looks on a white background.

## Color Contrast Check

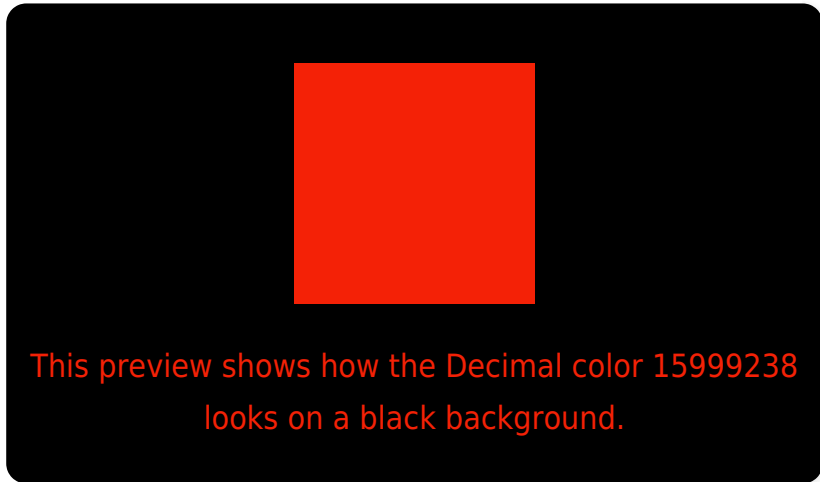
Large Text (above 18pt) WCAG AA ✓ Pass

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 15999238 Background



This preview shows how black text looks on a background with the Decimal color 15999238.



This preview shows how white text looks on a background with the Decimal color 15999238.

# 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**  
15999238

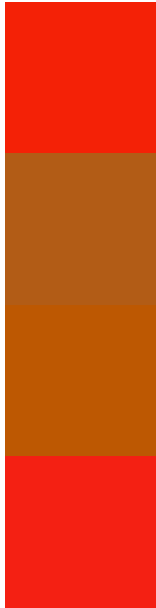
**Protanopia**  
9272863

**Deuteranopia**  
10385152



**Tritanopia**  
15999003

# Trichromacy



**Original Color**  
15999238

**Protanomaly**  
11688982

**Deuteranomaly**  
12408834

**Tritanomaly**  
15998995

# Monochromacy



**Original Color**  
15999238

**Achromatopsia**  
6118749

**Achromatomaly**  
9717565

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15999238 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 #F42106 looks like.

```
.text, #text, p{  
    color:#F42106  
}
```

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 #F42106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F42106
}
```

## Border

The CSS property to change the border of an element to Decimal 15999238 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".

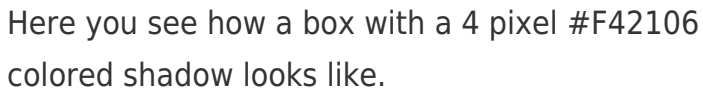
```
.border, #border, table{ border:4px solid
#F42106 }
```

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

```
.border{ border-color:#F42106 }
```

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

Here you see how a box with a 4 pixel #F42106 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 #F42106; -webkit-box-shadow:4px 4px  
4px 4px #F42106; box-shadow:4px 4px 4px  
4px #F42106 }
```

# Background

The CSS property to change the background color of an element to Decimal 15999238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F42106 }
```

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

```
.background{ background-color:#F42106 }
```

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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