

# Converting Colors

Decimal(16398848)

Have a look what the booklet for  
Decimal(16398848) contains.

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**Color**

**Decimal(16398848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA3A00
RGB	250, 58, 0
RGB Percent	98%, 23%, 0%
CMY	0.0196, 0.7725, 1.0000
CMYK	0.00, 0.77, 1.00, 0.02
HSL	14°, 100%, 49%
HSV	14°, 100%, 98%
XYZ	40.9374, 23.3501, 2.3494
YIQ	108.7960, 133.0500, 22.6660

# Conversions

## Conversions Part 2

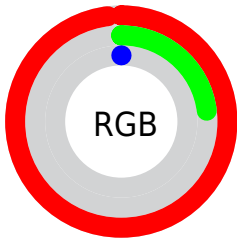
Format	Color
<a href="#">RYB</a>	<a href="#">250, 76, 0</a>
Decimal	<a href="#">16398848</a>
CIELab	<a href="#">55.43, 69.71, 67.48</a>
CIELCh	<a href="#">55, 97.016, 44.069</a>
Yxy	<a href="#">23.3501, 0.6143, 0.3504</a>
Android (android.graphics.Color)	<a href="#">4294588928</a> <a href="#">(0xFFFA3A00)</a>
YUV	<a href="#">108.7960, -53.6364, 123.8359</a>
Hunter-Lab	<a href="#">48.3219, 66.6583, 30.9427</a>

# Details

The Decimal color **16398848** 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 **49402**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16742462**, and **11993088** is the 20% darker color. If you saturate the color by 10%, you get **16398848**, and if you desaturate by 10%, it is **16403737**.

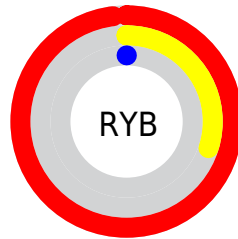
# Distribution



Red (98%)

Green (23%)

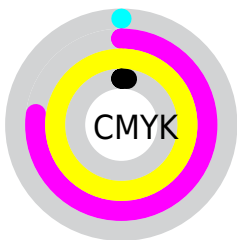
Blue (0%)



Red (98%)

Yellow (30%)

Blue (0%)

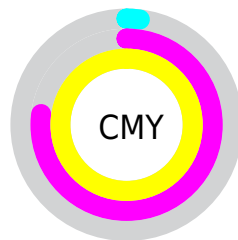


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (77%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16398848 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 16398848 by changing the saturation by 10% instead.



 16398848	 16398848
16777214	 14158336
 16742462	 11993088
 16749912	 9830400
 16757362	 7733248
 16765069	 5701634
 16772776	 3735554
 16777156	 1114112
 16777185	 0
 16398848	

 16403737

 16408626

 16413771

 16418660

 16423549

 16428438

 16433327

 16438472

 16443361

# Harmonies

## Analogous

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



16711778



16398848



13004800

# Triad

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



16398848



42067



33791

# Complementary

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



16398848



49402

# 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.



40191



16398848



42668

# Square

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



16398848



40192



42490



11818239

# Rectangle

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



16398848



9995776



42490



36351



# Sweetspot

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



16398848



16762035



16384196



8412242



0



8421504



# Same Dimension

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



16398848



16726784



16429824



8221552



12397568



4001280

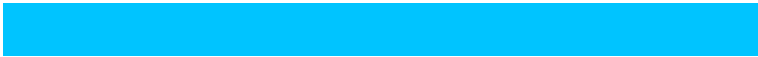


# Inverse Universe

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



49402



50431



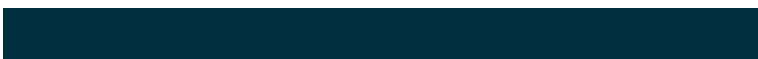
18426



7371389



37309



12093



# Previews

## White Background



This preview shows how the Decimal color 16398848 looks on a white background.

## Color Contrast Check

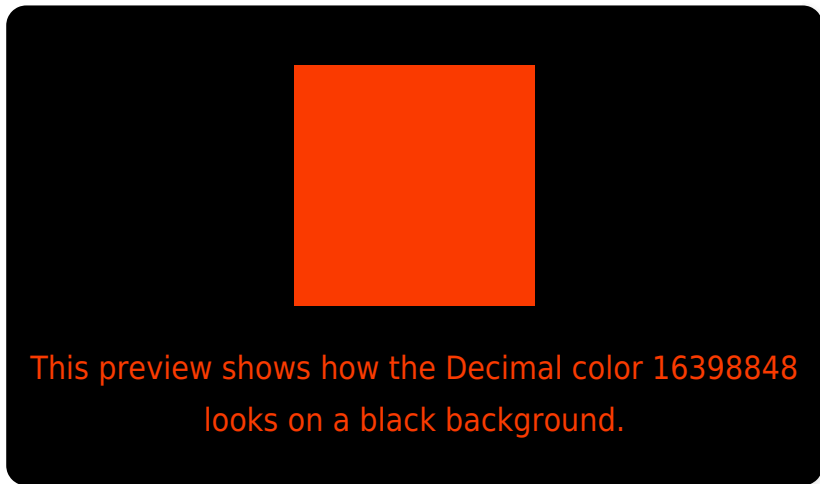
Large Text (above 18pt) WCAG AA ✓ Pass

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 16398848 Background



This preview shows how black text looks on a background with the Decimal color 16398848.



This preview shows how white text looks on a background with the Decimal color 16398848.

# 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**  
16398848

**Protanopia**  
9864733

**Deuteranopia**  
11042560



**Tritanopia**  
16463415

# Trichromacy



**Original Color**  
16398848

**Protanomaly**  
12216850

**Deuteranomaly**  
13002240

**Tritanomaly**  
16463651

# Monochromacy



**Original Color**  
16398848

**Achromatopsia**  
7171437

**Achromatomaly**  
10508869

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16398848 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 #FA3A00 looks like.

```
.text, #text, p{  
  color:#FA3A00  
}
```

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 #FA3A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA3A00
}
```

## Border

The CSS property to change the border of an element to Decimal 16398848 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
#FA3A00 }
```

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

```
.border{ border-color:#FA3A00 }
```

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

Here you see how a box with a 4 pixel #FA3A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA3A00; -webkit-box-shadow:4px 4px  
4px 4px #FA3A00; box-shadow:4px 4px 4px  
4px #FA3A00 }
```

# Background

The CSS property to change the background color of an element to Decimal 16398848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA3A00 }
```

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

```
.background{ background-color:#FA3A00 }
```

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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