

Converting Colors

Decimal(16489490)

Have a look what the booklet for
Decimal(16489490) contains.

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Color

Decimal(16489490)

Conversions

Conversions Part 1

Format	Color
Hex	FB9C12
RGB	251, 156, 18
RGB Percent	98%, 61%, 7%
CMY	0.0157, 0.3882, 0.9294
CMYK	0.00, 0.38, 0.93, 0.02
HSL	36°, 97%, 53%
HSV	36°, 93%, 98%
XYZ	51.7813, 44.3298, 6.3996
YIQ	168.6730, 100.9180, -22.7780

Conversions

Conversions Part 2

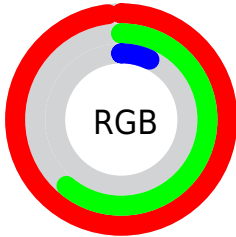
Format	Color
RYB	178, 251, 18
Decimal	16489490
CIELab	72.45, 27.12, 74.74
CIELCh	72, 79.505, 70.054
Yxy	44.3298, 0.5051, 0.4324
Android (android.graphics.Color)	4294679570 (0xFFFB9C12)
YUV	168.6730, -74.2818, 72.2008
Hunter-Lab	66.5807, 22.3074, 40.9076

Details

The Decimal color **16489490** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1208827**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16765780**, and **12347392** is the 20% darker color. If you saturate the color by 10%, you get **16487680**, and if you desaturate by 10%, it is **16492075**.

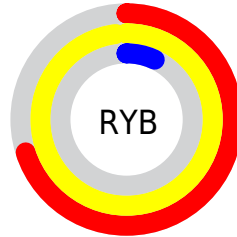
Distribution



Red (98%)

Green (61%)

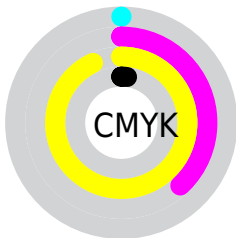
Blue (7%)



Red (70%)

Yellow (98%)

Blue (7%)

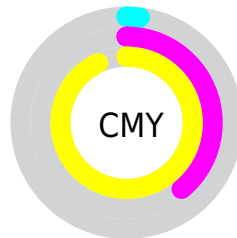


Cyan (0%)

Magenta (38%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16489490 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 16489490 by changing the saturation by 10% instead.

 16489490

 16489490

16777215

 14385664

 16765780

 12347392

 16772976

 10309632

 16777100

 8337408

 16777128

 6365440

 16777156

 4524544

 16777185

 2949120

 0

 16489490

 16489490

■ 16487680

■ 16492075

■ 16494660

■ 16497501

■ 16500086

■ 16502671

■ 16505257

■ 16508098

■ 16510683

■ 16513268

Harmonies

Analogous

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



16743511



16489490



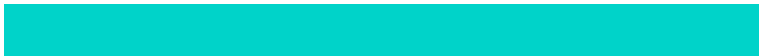
12498432

Triad

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



16489490



54217



13865983

Complementary

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



16489490



1208827

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.



963327



16489490



53759

Square

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



16489490



53373



51199



16740837

Rectangle

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



16489490



9159195



51199



11443967

Sweetspot

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



16489490



16769720



16454259



8416852



0



8421504

Same Dimension

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



16489490



16750336



15268626



8222832



12414976



4006912

Inverse Universe

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



1208827



26879



2429691



7370365



19901



6461

Previews

White Background



This preview shows how the Decimal color 16489490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 16489490 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16489490 Background



This preview shows how black text looks on a background with the Decimal color 16489490.



This preview shows how white text looks on a background with the Decimal color 16489490.

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





Tritanopia
16749212

Trichromacy



Original Color
16489490

Protanomaly
14396183

Deuteranomaly
15377415

Tritanomaly
16684650

Monochromacy



Original Color
16489490

Achromatopsia
11119017

Achromatomaly
13083762

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16489490 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 #FB9C12 looks like.

```
.text, #text, p{  
  color:#FB9C12  
}
```

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 #FB9C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9C12
}
```

Border

The CSS property to change the border of an element to Decimal 16489490 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
#FB9C12 }
```

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

```
.border{ border-color:#FB9C12 }
```

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

Here you see how a box with a 4 pixel #FB9C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9C12; -webkit-box-shadow:4px 4px  
4px 4px #FB9C12; box-shadow:4px 4px 4px  
4px #FB9C12 }
```

Background

The CSS property to change the background color of an element to Decimal 16489490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9C12 }
```

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

```
.background{ background-color:#FB9C12 }
```

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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