

# Converting Colors

Decimal(16220426)

Have a look what the booklet for  
Decimal(16220426) contains.

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# **Color**

**Decimal(16220426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7810A
RGB	247, 129, 10
RGB Percent	97%, 51%, 4%
CMY	0.0314, 0.4941, 0.9608
CMYK	0.00, 0.48, 0.96, 0.03
HSL	30°, 94%, 50%
HSV	30°, 96%, 97%
XYZ	46.2628, 35.4966, 4.7004
YIQ	150.7160, 108.5270, -11.9930

# Conversions

## Conversions Part 2

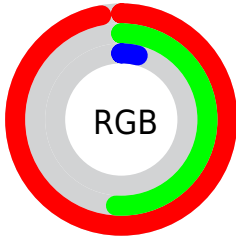
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	245, 247, 10
Decimal	16220426
CIE <sub>Lab</sub>	66.13, 39.29, 71.45
CIE <sub>LCh</sub>	66, 81.538, 61.196
Yxy	35.4966, 0.5351, 0.4106
Android (android.graphics.Color)	4294410506 (0xFFFF7810A)
YUV	150.7160, -69.3730, 84.4411
Hunter-Lab	59.5790, 34.3411, 37.0277

# Details

The Decimal color **16220426** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **688375**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16758604**, and **12012800** is the 20% darker color. If you saturate the color by 10%, you get **16219136**, and if you desaturate by 10%, it is **16223523**.

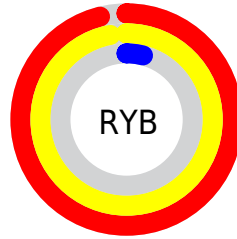
# Distribution



Red (97%)

Green (51%)

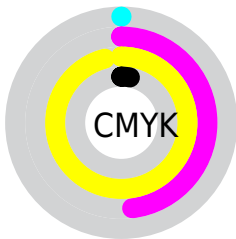
Blue (4%)



Red (96%)

Yellow (97%)

Blue (4%)

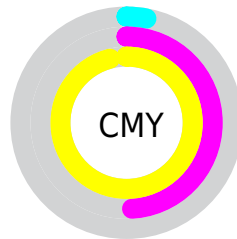


Cyan (0%)

Magenta (48%)

Yellow (96%)

Black (3%)



Cyan (3%)

Magenta (49%)





















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16220426 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 16220426 by changing the saturation by 10% instead.



 16220426	 16220426
 16777215	 14116608
 16758604	 12012800
 16765799	 9974784
 16773251	 7936512
 16777118	 5963776
 16777147	 4128768
 16777175	 2359297
 16777205	 0
 16220426	 16220426

16219136

16223523

16226875

16229972

16233069

16236165

16239518

16242615

16245712

16249064

# Harmonies

## Analogous

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



16735833



16220426



12492544

# Triad

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



16220426



49570



10456319

# Complementary

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



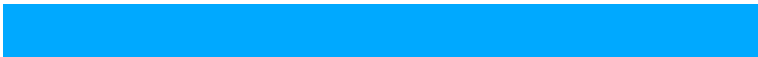
16220426



688375

# 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.



43519



16220426



49643

# Square

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



16220426



48213



47871



16344809

# Rectangle

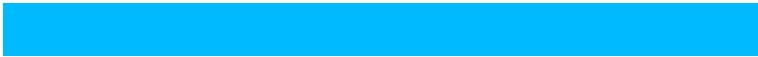
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16220426



9481472



47871



6985727



# Sweetspot

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



16220426



16767669



16190081



8415571



0



8421504



# Same Dimension

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



16220426



16744448



16250634



8025198



12213504



3874048



# Inverse Universe

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



688375



32767



658167



7238778



23994



7483



# Previews

## White Background



This preview shows how the Decimal color 16220426 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 16220426 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 16220426 Background



This preview shows how black text looks on a background with the Decimal color 16220426.



This preview shows how white text looks on a background with the Decimal color 16220426.

# 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**  
16220426

**Protanopia**  
11969047

**Deuteranopia**  
13408512



**Tritanopia**  
16480384

# Trichromacy



**Original Color**  
16220426

**Protanomaly**  
13538834

**Deuteranomaly**  
14454788

**Tritanomaly**  
16415573

# Monochromacy



**Original Color**  
16220426

**Achromatopsia**  
9934743

**Achromatomaly**  
12226404

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16220426 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 #F7810A looks like.

```
.text, #text, p{  
    color:#F7810A  
}
```

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 #F7810A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7810A
}
```

## Border

The CSS property to change the border of an element to Decimal 16220426 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
#F7810A }
```

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

```
.border{ border-color:#F7810A }
```

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

Here you see how a box with a 4 pixel #F7810A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7810A; -webkit-box-shadow:4px 4px  
4px 4px #F7810A; box-shadow:4px 4px 4px  
4px #F7810A }
```

# Background

The CSS property to change the background color of an element to Decimal 16220426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7810A }
```

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

```
.background{ background-color:#F7810A }
```

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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