

Converting Colors

Decimal(16426774)

Have a look what the booklet for
Decimal(16426774) contains.

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Color

Decimal(16426774)

Conversions

Conversions Part 1

Format	Color
Hex	FAA716
RGB	250, 167, 22
RGB Percent	98%, 65%, 9%
CMY	0.0196, 0.3451, 0.9137
CMYK	0.00, 0.33, 0.91, 0.02
HSL	38°, 96%, 53%
HSV	38°, 91%, 98%
XYZ	53.3879, 48.0194, 7.2139
YIQ	175.2870, 96.0130, -27.4990

Conversions

Conversions Part 2

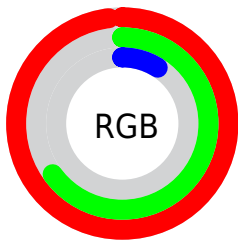
Format	Color
RYB	153, 250, 22
Decimal	16426774
CIELab	74.84, 21.01, 75.69
CIELCh	75, 78.548, 74.489
Yxy	48.0194, 0.4915, 0.4421
Android (android.graphics.Color)	4294616854 (0xFFFAA716)
YUV	175.2870, -75.5705, 65.5233
Hunter-Lab	69.2960, 16.2542, 42.3350

Details

The Decimal color **16426774** 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 **1468922**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16768599**, and **12284672** is the 20% darker color. If you saturate the color by 10%, you get **16424704**, and if you desaturate by 10%, it is **16429103**.

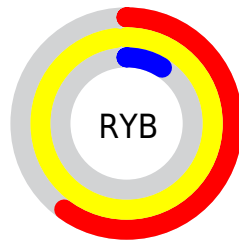
Distribution



Red (98%)

Green (65%)

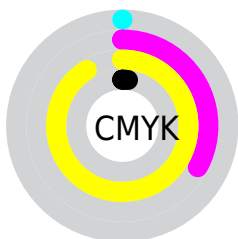
Blue (9%)



Red (60%)

Yellow (98%)

Blue (9%)

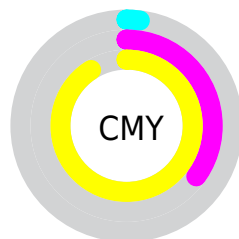


Cyan (0%)

Magenta (33%)

Yellow (91%)

Black (2%)



Cyan (2%)



















Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16426774 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 16426774 by changing the saturation by 10% instead.

 16426774	 16426774
16777215	 14388480
 16768599	 12284672
 16776051	 10312192
 16777103	 8340224
 16777132	 6433792
 16777161	 4593408
 16777190	 2883584
	 0
 16426774	 16426774

16424704

16429103

16431432

16433761

16436090

16438675

16441004

16443333

16445662

16447991

Harmonies

Analogous

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



16746581



16426774



12238848

Triad

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



16426774



56026



15242751

Complementary

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



16426774



1468922

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.



6403583



16426774



55295

Square

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



16426774



55183



52223



16742113

Rectangle

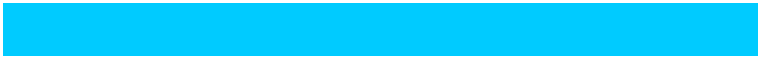
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16426774



8833842



52223



13082879

Sweetspot

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



16426774



16770746



16389738



8417623



0



8421504

Same Dimension

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



16426774



16753152



14481942



8222832



12417024



4007680

Inverse Universe

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



1468922



24063



3413754



7370109



17853



5693

Previews

White Background



This preview shows how the Decimal color 16426774 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 16426774 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 16426774 Background



This preview shows how black text looks on a background with the Decimal color 16426774.



This preview shows how white text looks on a background with the Decimal color 16426774.

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
16426774

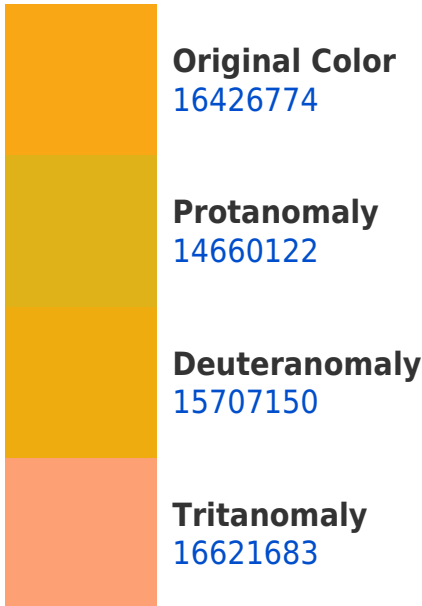
Protanopia
13678876

Deuteranopia
15314698



Tritanopia
16751784

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16426774 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 #FAA716 looks like.

```
.text, #text, p{  
    color:#FAA716  
}
```

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 #FAA716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAA716
}
```

Border

The CSS property to change the border of an element to Decimal 16426774 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
#FAA716 }
```

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

```
.border{ border-color:#FAA716 }
```

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

Here you see how a box with a 4 pixel #FAA716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAA716; -webkit-box-shadow:4px 4px  
4px 4px #FAA716; box-shadow:4px 4px 4px  
4px #FAA716 }
```

Background

The CSS property to change the background color of an element to Decimal 16426774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAA716 }
```

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

```
.background{ background-color:#FAA716 }
```

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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