

Converting Colors

Decimal(16760126)

Have a look what the booklet for
Decimal(16760126) contains.

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Color

Decimal(16760126)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD3E
RGB	255, 189, 62
RGB Percent	100%, 74%, 24%
CMY	0.0000, 0.2588, 0.7569
CMYK	0.00, 0.26, 0.76, 0.00
HSL	39°, 100%, 62%
HSV	39°, 76%, 100%
XYZ	60.3071, 58.0030, 12.5746
YIQ	194.2560, 80.1030, -25.5050

Conversions

Conversions Part 2

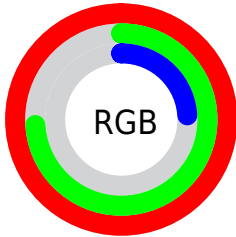
Format	Color
RYB	162, 255, 62
Decimal	16760126
CIELab	80.74, 12.66, 69.40
CIELCh	81, 70.544, 79.658
Yxy	58.0030, 0.4608, 0.4432
Android (android.graphics.Color)	4294950206 (0xFFFFBD3E)
YUV	194.2560, -65.2022, 53.2725
Hunter-Lab	76.1597, 8.0659, 43.5225

Details

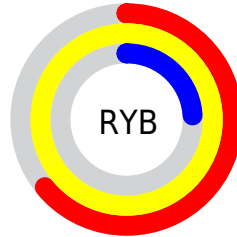
The Decimal color **16760126** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **4096255**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16774518**, and **12683264** is the 20% darker color. If you saturate the color by 10%, you get **16757796**, and if you desaturate by 10%, it is **16762456**.

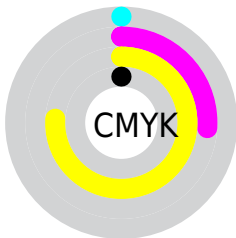
Distribution



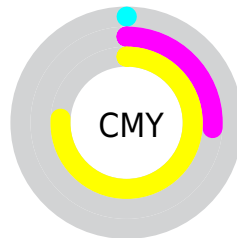
- Red (100%)
- Green (74%)
- Blue (24%)



- Red (64%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (76%)
- Black (0%)




















- Cyan (0%)
- Magenta (26%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16760126 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 16760126 by changing the saturation by 10% instead.

 16760126	 16760126
 16777215	 14721566
 16774518	 12683264
 16777105	 10710784
 16777134	 8803840
 16777162	 6897408
 16777191	 5057024
	 3347712
	 1769472
	 0

16760126

16760126

16757796

16762456

16755723

16764529

16754688

16766859

16769188

16771518

16773591

16775921

16777215

Harmonies

Analogous

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



16753509



16760126



12767809

Triad

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



16760126



59635



16753919

Complementary

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



16760126



4096255

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.



10600703



16760126



58367

Square

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



16760126



59311



55039



16748514

Rectangle

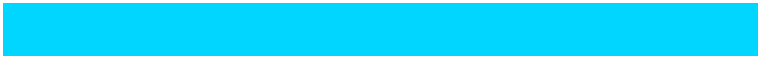
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16760126



9493596



55039



15249151

Sweetspot

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



16760126



16772036



16727682



8418140



0



8421504

Same Dimension

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



16760126



16756759



14876478



8420211



12549632



4205056

Inverse Universe

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



4096255



1533695



5979903



7567232



16831



5696

Previews

White Background



This preview shows how the Decimal color 16760126 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 16760126 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 16760126 Background



This preview shows how black text looks on a background with the Decimal color 16760126.

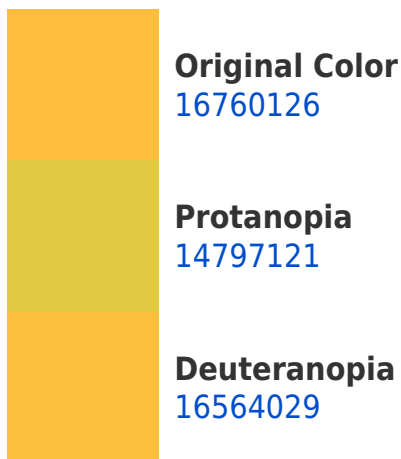


This preview shows how white text looks on a background with the Decimal color 16760126.

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](#).

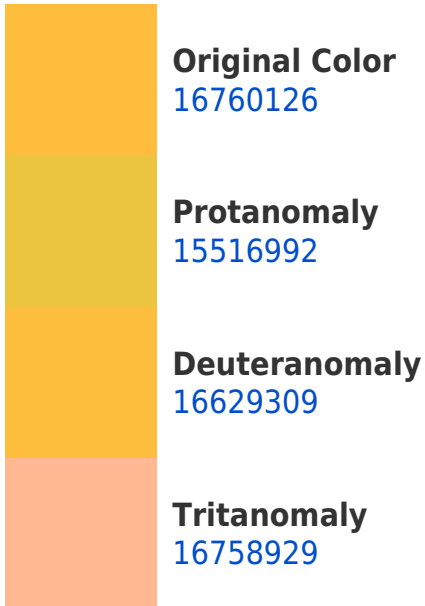
Dichromacy





Tritanopia
16758208

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16760126 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 #FFBD3E looks like.

```
.text, #text, p{  
    color:#FFBD3E  
}
```

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 #FFBD3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD3E
}
```

Border

The CSS property to change the border of an element to Decimal 16760126 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
#FFBD3E }
```

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

```
.border{ border-color:#FFBD3E }
```

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

Here you see how a box with a 4 pixel #FFBD3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD3E; -webkit-box-shadow:4px 4px  
4px 4px #FFBD3E; box-shadow:4px 4px 4px  
4px #FFBD3E }
```

Background

The CSS property to change the background color of an element to Decimal 16760126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD3E }
```

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

```
.background{ background-color:#FFBD3E }
```

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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