

Converting Colors

Decimal(16760129)

Have a look what the booklet for
Decimal(16760129) contains.

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Color

Decimal(16760129)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD41
RGB	255, 189, 65
RGB Percent	100%, 74%, 25%
CMY	0.0000, 0.2588, 0.7451
CMYK	0.00, 0.26, 0.75, 0.00
HSL	39°, 100%, 63%
HSV	39°, 75%, 100%
XYZ	60.3917, 58.0368, 13.0203
YIQ	194.5980, 79.1400, -24.5720

Conversions

Conversions Part 2

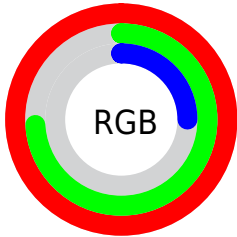
Format	Color
RYB	166, 255, 65
Decimal	16760129
CIELab	80.76, 12.78, 68.29
CIElCh	81, 69.479, 79.398
Yxy	58.0368, 0.4594, 0.4415
Android (android.graphics.Color)	4294950209 (0xFFFFBD41)
YUV	194.5980, -63.8918, 52.9726
Hunter-Lab	76.1819, 8.1840, 43.1941

Details

The Decimal color **16760129** 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 **4293631**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16774520**, and **12748800** is the 20% darker color. If you saturate the color by 10%, you get **16757799**, and if you desaturate by 10%, it is **16762458**.

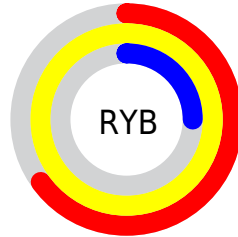
Distribution



Red (100%)

Green (74%)

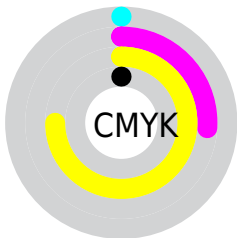
Blue (25%)



Red (65%)

Yellow (100%)

Blue (25%)

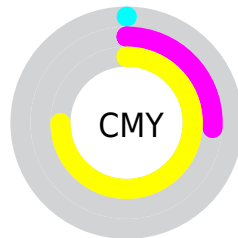


Cyan (0%)

Magenta (26%)

Yellow (75%)

Black (0%)



Cyan (0%)


















Magenta (26%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16760129 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 16760129 by changing the saturation by 10% instead.

 16760129	 16760129
 16777215	 14721571
 16774520	 12748800
 16777108	 10776320
 16777136	 8803840
 16777165	 6897408
 16777194	 5057024
	 3347712
	 1835008
	 0

16760129

16760129

16757799

16762458

16755470

16764788

16754176

16767118

16769191

16771521

16773850

16776179

16777215

Harmonies

Analogous

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



16753767



16760129



12833348

Triad

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



16760129



59634



16754175

Complementary

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



16760129



4293631

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.



10600959



16760129



58367

Square

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



16760129



59310



55039



16748770

Rectangle

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



16760129



9624670



55039



15183871

Sweetspot

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



16760129



16772295



16728451



8418398



0



8421504

Same Dimension

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



16760129



16756764



14942017



8420211



12549376



4205056

Inverse Universe

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



4293631



1862655



6177279



7567232



17087



5696

Previews

White Background



This preview shows how the Decimal color 16760129 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 16760129 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 16760129 Background



This preview shows how black text looks on a background with the Decimal color 16760129.



This preview shows how white text looks on a background with the Decimal color 16760129.

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
16760129

Protanopia
14797124

Deuteranopia
16498496



Tritanopia
16758208

Trichromacy



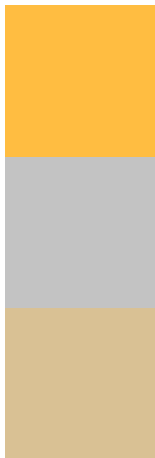
Original Color
16760129

Protanomaly
15516995

Deuteranomaly
16563776

Tritanomaly
16758930

Monochromacy



Original Color
16760129

Achromatopsia
12829635

Achromatomaly
14270868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16760129 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 #FFBD41 looks like.

```
.text, #text, p{  
    color:#FFBD41  
}
```

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 #FFBD41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD41
}
```

Border

The CSS property to change the border of an element to Decimal 16760129 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
#FFBD41 }
```

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

```
.border{ border-color:#FFBD41 }
```

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

Here you see how a box with a 4 pixel #FFBD41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD41; -webkit-box-shadow:4px 4px  
4px 4px #FFBD41; box-shadow:4px 4px 4px  
4px #FFBD41 }
```

Background

The CSS property to change the background color of an element to Decimal 16760129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD41 }
```

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

```
.background{ background-color:#FFBD41 }
```

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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