

Converting Colors

Decimal(16761140)

Have a look what the booklet for
Decimal(16761140) contains.

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Color

Decimal(16761140)

Conversions

Conversions Part 1

Format	Color
Hex	FFC134
RGB	255, 193, 52
RGB Percent	100%, 76%, 20%
CMY	0.0000, 0.2431, 0.7961
CMYK	0.00, 0.24, 0.80, 0.00
HSL	42°, 100%, 60%
HSV	42°, 80%, 100%
XYZ	60.9298, 59.6479, 11.5507
YIQ	195.4640, 82.2130, -30.7070

Conversions

Conversions Part 2

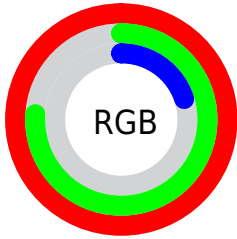
Format	Color
RYB	141, 255, 52
Decimal	16761140
CIELab	81.65, 10.23, 73.68
CIELCh	82, 74.386, 82.093
Yxy	59.6479, 0.4611, 0.4514
Android (android.graphics.Color)	4294951220 (0xFFFFC134)
YUV	195.4640, -70.7278, 52.2131
Hunter-Lab	77.2320, 5.6660, 45.1951

Details

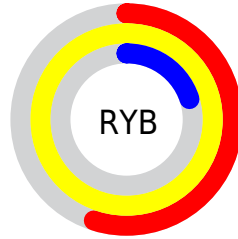
The Decimal color **16761140** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3437311**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16775534**, and **12684288** is the 20% darker color. If you saturate the color by 10%, you get **16759066**, and if you desaturate by 10%, it is **16763214**.

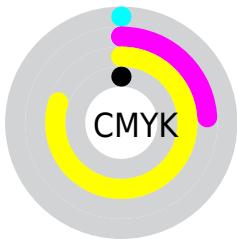
Distribution



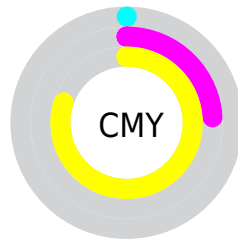
- Red (100%)
- Green (76%)
- Blue (20%)



- Red (55%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (0%)



















- Cyan (0%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16761140 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 16761140 by changing the saturation by 10% instead.

 16761140	 16761140
16777215	 14722572
 16775534	 12684288
 16777098	 10711808
 16777126	 8804864
 16777155	 6898432
 16777184	 5057792
16777214	 3348736
	 1769472
	 0

■ 16761140

■ 16761140

■ 16759066

■ 16763214

■ 16756993

■ 16765287

■ 16756992

■ 16767105

■ 16769178

■ 16771251

■ 16773325

■ 16775399

16777215

Harmonies

Analogous

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



16754014



16761140



12441404

Triad

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



16761140



60669



16753407

Complementary

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



16761140



3437311

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.



11256063



16761140



59391

Square

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



16761140



60341



55551



16747488

Rectangle

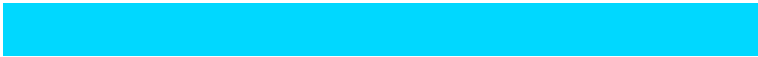
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16761140



8905053



55551



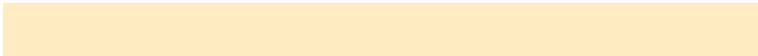
15969535

Sweetspot

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



16761140



16772290



16725108



8418395



0



8421504

Same Dimension

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



16761140



16757770



14352180



8420467



12551424



4205568

Inverse Universe

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



3437311



677375



5846271



7567232



15039



4928

Previews

White Background



This preview shows how the Decimal color 16761140 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 16761140 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 16761140 Background



This preview shows how black text looks on a background with the Decimal color 16761140.



This preview shows how white text looks on a background with the Decimal color 16761140.

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
16761140

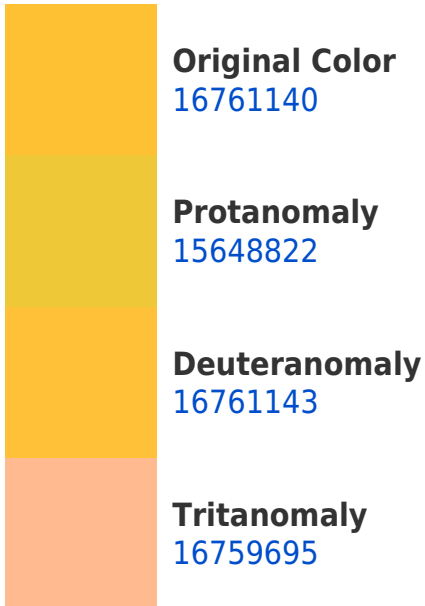
Protanopia
14994487

Deuteranopia
16761144



Tritanopia
16758979

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16761140 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 #FFC134 looks like.

```
.text, #text, p{  
    color:#FFC134  
}
```

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 #FFC134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC134
}
```

Border

The CSS property to change the border of an element to Decimal 16761140 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
#FFC134 }
```

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

```
.border{ border-color:#FFC134 }
```

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

Here you see how a box with a 4 pixel #FFC134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC134; -webkit-box-shadow:4px 4px  
4px 4px #FFC134; box-shadow:4px 4px 4px  
4px #FFC134 }
```

Background

The CSS property to change the background color of an element to Decimal 16761140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC134 }
```

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

```
.background{ background-color:#FFC134 }
```

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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