

Converting Colors

Decimal(16171630)

Have a look what the booklet for
Decimal(16171630) contains.

Decimal(16171630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16171630)

Conversions

Conversions Part 1

Format	Color
Hex	F6C26E
RGB	246, 194, 110
RGB Percent	96%, 76%, 43%
CMY	0.0353, 0.2392, 0.5686
CMYK	0.00, 0.21, 0.55, 0.04
HSL	37°, 88%, 70%
HSV	37°, 55%, 96%
XYZ	60.1123, 59.3022, 23.0301
YIQ	199.9720, 57.9560, -15.1000

Conversions

Conversions Part 2

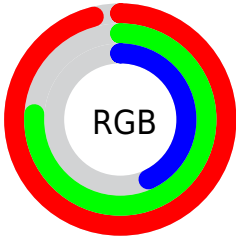
Format	Color
RYB	194, 246, 110
Decimal	16171630
CIELab	81.46, 9.11, 48.87
CIELCh	81, 49.709, 79.439
Yxy	59.3022, 0.4220, 0.4163
Android (android.graphics.Color)	4294361710 (0xFFFF6C26E)
YUV	199.9720, -44.3562, 40.3666
Hunter-Lab	77.0079, 4.5730, 36.1742

Details

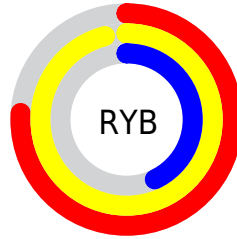
The Decimal color **16171630** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7250678**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16775843**, and **12291387** is the 20% darker color. If you saturate the color by 10%, you get **16169301**, and if you desaturate by 10%, it is **16173959**.

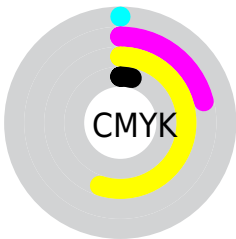
Distribution



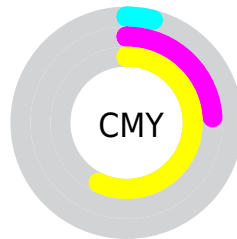
- Red (96%)
- Green (76%)
- Blue (43%)



- Red (76%)
- Yellow (96%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (4%)



















- Cyan (4%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16171630 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 16171630 by changing the saturation by 10% instead.

 16171630	 16171630
 16777215	 14198612
 16775843	 12291387
 16777151	 10384161
 16777179	 8542978
 16777208	 6701824
	 4926720
	 3217664
	 1638400
	 0

16171630

16171630

16169301

16173959

16166717

16176543

16164388

16178872

16161804

16181456

16160768

16183785

16186111

16187391

Harmonies

Analogous

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



16757381



16171630



13226352

Triad

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



16171630



58344



16036863

Complementary

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



16171630



7250678

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.



11978239



16171630



57087

Square

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



16171630



5169848



6083839



16754653

Rectangle

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



16171630



11000192



6083839



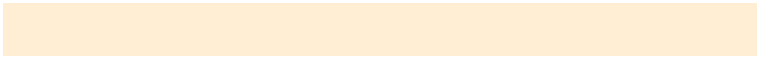
14858751

Sweetspot

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



16171630



16772820



16150178



8418918



0



8421504

Same Dimension

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



16171630



16760663



15136366



8025710



12219136



3875840

Inverse Universe

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



7250678



5740543



8285942



7238522



18362



5691

Previews

White Background



This preview shows how the Decimal color 16171630 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 16171630 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 16171630 Background



This preview shows how black text looks on a background with the Decimal color 16171630.



This preview shows how white text looks on a background with the Decimal color 16171630.

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
16171630

Protanopia
14666609

Deuteranopia
16302446



Tritanopia
16627910

Trichromacy



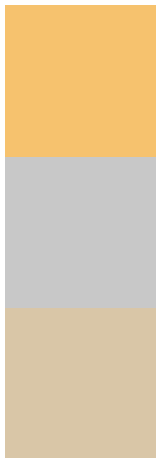
Original Color
16171630

Protanomaly
15190128

Deuteranomaly
16236910

Tritanomaly
16432294

Monochromacy



Original Color
16171630

Achromatopsia
13158600

Achromatomaly
14272167

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16171630 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 #F6C26E looks like.

```
.text, #text, p{  
    color:#F6C26E  
}
```

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 #F6C26E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6C26E
}
```

Border

The CSS property to change the border of an element to Decimal 16171630 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
#F6C26E }
```

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

```
.border{ border-color:#F6C26E }
```

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

Here you see how a box with a 4 pixel #F6C26E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6C26E; -webkit-box-shadow:4px 4px  
4px 4px #F6C26E; box-shadow:4px 4px 4px  
4px #F6C26E }
```

Background

The CSS property to change the background color of an element to Decimal 16171630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6C26E }
```

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

```
.background{ background-color:#F6C26E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor