

Converting Colors

Decimal(16500796)

Have a look what the booklet for
Decimal(16500796) contains.

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Color

Decimal(16500796)

Conversions

Conversions Part 1

Format	Color
Hex	FBC83C
RGB	251, 200, 60
RGB Percent	98%, 78%, 24%
CMY	0.0157, 0.2157, 0.7647
CMYK	0.00, 0.20, 0.76, 0.02
HSL	44°, 96%, 61%
HSV	44°, 76%, 98%
XYZ	61.2535, 62.1440, 13.0416
YIQ	199.2890, 75.3360, -32.7280

Conversions

Conversions Part 2

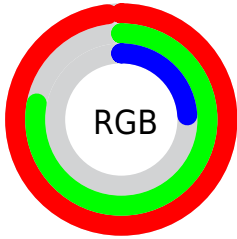
Format	Color
RYB	130, 251, 60
Decimal	16500796
CIELab	82.99, 5.20, 72.09
CIElCh	83, 72.273, 85.871
Yxy	62.1440, 0.4489, 0.4555
Android (android.graphics.Color)	4294690876 (0xFFFBC83C)
YUV	199.2890, -68.6695, 45.3505
Hunter-Lab	78.8315, 0.7428, 45.3733

Details

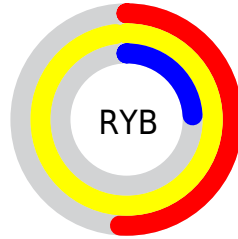
The Decimal color **16500796** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3960827**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16777077**, and **12489216** is the 20% darker color. If you saturate the color by 10%, you get **16498979**, and if you desaturate by 10%, it is **16502613**.

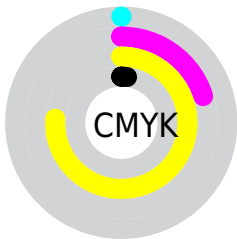
Distribution



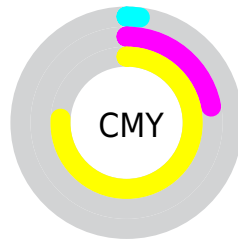
- Red (98%)
- Green (78%)
- Blue (24%)



- Red (51%)
- Yellow (98%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (76%)
- Black (2%)




















- Cyan (2%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16500796 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 16500796 by changing the saturation by 10% instead.

 16500796	 16500796
 16777215	 14462234
 16777077	 12489216
 16777105	 10516736
 16777133	 8609792
 16777162	 6703360
 16777191	 4928256
	 3218944
	 1574400
	 0

16500796

16500796

16498979

16502613

16497418

16504174

16496640

16505991

16507808

16509626

16511187

16513004

16514815

16515071

Harmonies

Analogous

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



16756318



16500796



12180554

Triad

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



16500796



61439



16753919

Complementary

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



16500796



3960827

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.



12632575



16500796



59647

Square

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



16500796



61379



55807



16749019

Rectangle

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



16500796



8578667



55807



16756223

Sweetspot

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



16500796



16773060



16465010



8418908



0



8421504

Same Dimension

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



16500796



16761111



13826876



8223344



12421632



4009216

Inverse Universe

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



3960827



1529343



6634747



7369853



12989



4157

Previews

White Background



This preview shows how the Decimal color 16500796 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 16500796 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 16500796 Background



This preview shows how black text looks on a background with the Decimal color 16500796.



This preview shows how white text looks on a background with the Decimal color 16500796.

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
16500796

Protanopia
15257406

Deuteranopia
16762201



Tritanopia
16760266

Trichromacy



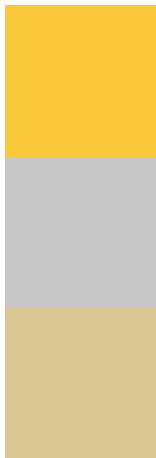
Original Color
16500796

Protanomaly
15715389

Deuteranomaly
16696910

Tritanomaly
16695702

Monochromacy



Original Color
16500796

Achromatopsia
13092807

Achromatomaly
14337940

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16500796 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 #FBC83C looks like.

```
.text, #text, p{  
  color:#FBC83C  
}
```

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 #FBC83C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBC83C
}
```

Border

The CSS property to change the border of an element to Decimal 16500796 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
#FBC83C }
```

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

```
.border{ border-color:#FBC83C }
```

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

Here you see how a box with a 4 pixel #FBC83C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBC83C; -webkit-box-shadow:4px 4px  
4px 4px #FBC83C; box-shadow:4px 4px 4px  
4px #FBC83C }
```

Background

The CSS property to change the background color of an element to Decimal 16500796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBC83C }
```

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

```
.background{ background-color:#FBC83C }
```

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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