

Converting Colors

Decimal(16637996)

Have a look what the booklet for
Decimal(16637996) contains.

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Color

Decimal(16637996)

Conversions

Conversions Part 1

Format	Color
Hex	FDE02C
RGB	253, 224, 44
RGB Percent	99%, 88%, 17%
CMY	0.0078, 0.1216, 0.8275
CMYK	0.00, 0.11, 0.83, 0.01
HSL	52°, 98%, 58%
HSV	52°, 83%, 99%
XYZ	67.6183, 74.3758, 13.1750
YIQ	212.1510, 75.0640, -49.8320

Conversions

Conversions Part 2

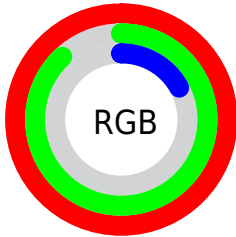
Format	Color
RYB	78, 253, 44
Decimal	16637996
CIELab	89.10, -6.66, 82.28
CIELCh	89, 82.554, 94.630
Yxy	74.3758, 0.4358, 0.4793
Android (android.graphics.Color)	4294828076 (0xFFFDE02C)
YUV	212.1510, -82.8984, 35.8246
Hunter-Lab	86.2414, -10.9681, 51.3113

Details

The Decimal color **16637996** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **2902525**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16777068**, and **12626176** is the 20% darker color. If you saturate the color by 10%, you get **16636947**, and if you desaturate by 10%, it is **16639045**.

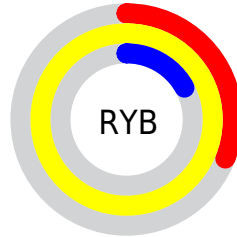
Distribution



Red (99%)

Green (88%)

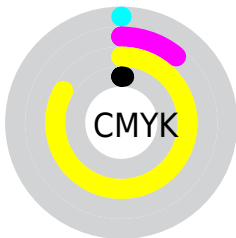
Blue (17%)



Red (31%)

Yellow (99%)

Blue (17%)

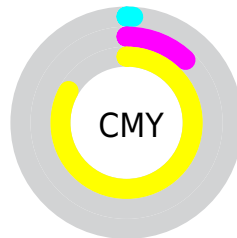


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (1%)



Cyan (1%)

















Magenta (12%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16637996 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 16637996 by changing the saturation by 10% instead.

 16637996	 16637996
16777215	 14599168
 16777068	 12626176
 16777097	 10653440
 16777126	 8746496
 16777155	 6839552
 16777185	 4998656
	 3289088
	 1711104
	 0

16637996

16637996

16636947

16639045

16636416

16639839

16640888

16641681

16642731

16643524

16644573

16645366

16646143

Harmonies

Analogous

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



16761676



16637996



11269459

Triad

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



16637996



65535



16753919

Complementary

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



16637996



2902525

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.



15910655



16637996



64255

Square

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



16637996



65514



1566207



16749783

Rectangle

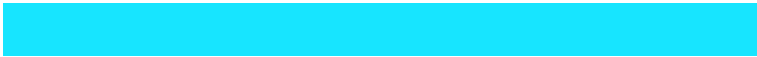
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16637996



6159744



1566207



16756479

Sweetspot

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



16637996



16774847



16591947



8419929



0



8421504

Same Dimension

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



16637996



16768003



11861292



8420979



12559616



4208384

Inverse Universe

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



2902525



206591



7679229



7566720



7103



2368

Previews

White Background



This preview shows how the Decimal color 16637996 looks on a white background.

Color Contrast Check

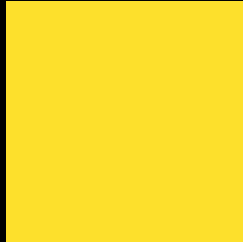
Large Text (above 18pt) WCAG AA × Fail

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 16637996 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 16637996 Background



This preview shows how black text looks on a background with the Decimal color 16637996.



This preview shows how white text looks on a background with the Decimal color 16637996.

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](#).

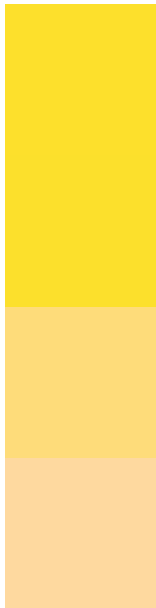
Dichromacy





Tritanopia
16766432

Trichromacy



Original Color
16637996

Protanomaly
16572460

Deuteranomaly
16702586

Tritanomaly
16701855

Monochromacy



Original Color
16637996

Achromatopsia
13948116

Achromatomaly
14932119

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16637996 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 #FDE02C looks like.

```
.text, #text, p{  
  color:#FDE02C  
}
```

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 #FDE02C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE02C
}
```

Border

The CSS property to change the border of an element to Decimal 16637996 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
#FDE02C }
```

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

```
.border{ border-color:#FDE02C }
```

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

Here you see how a box with a 4 pixel #FDE02C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE02C; -webkit-box-shadow:4px 4px  
4px 4px #FDE02C; box-shadow:4px 4px 4px  
4px #FDE02C }
```

Background

The CSS property to change the background color of an element to Decimal 16637996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE02C }
```

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

```
.background{ background-color:#FDE02C }
```

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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