

Converting Colors

Decimal(16764970)

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Decimal(16764970) contains.

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Color

Decimal(16764970)

Conversions

Conversions Part 1	
Format	Color
Hex	FFD02A
RGB	255, 208, 42
RGB Percent	100%, 82%, 16%
CMY	0.0000, 0.1843, 0.8353
CMYK	0.00, 0.18, 0.84, 0.00
HSL	47°, 100%, 58%
HSV	47°, 84%, 100%
XYZ	64.2138, 66.5389, 11.6494
YIQ	203.1290, 81.2980, -41.6620

Conversions

Conversions Part 2

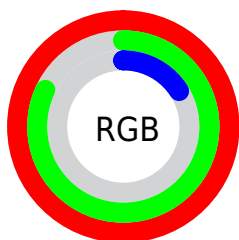
Format	Color
RYB	102, 255, 42
Decimal	16764970
CIELab	85.27, 2.22, 79.66
CIELCh	85, 79.689, 88.402
Yxy	66.5389, 0.4509, 0.4673
Android (android.graphics.Color)	4294955050 (0xFFFFD02A)
YUV	203.1290, -79.4366, 45.4909
Hunter-Lab	81.5714, -2.2330, 48.6327

Details

The Decimal color **16764970** 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 **2775551**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777065**, and **12687872** is the 20% darker color. If you saturate the color by 10%, you get **16763408**, and if you desaturate by 10%, it is **16766531**.

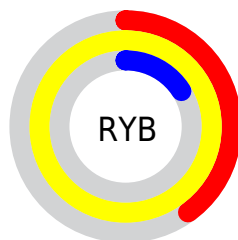
Distribution



Red (100%)

Green (82%)

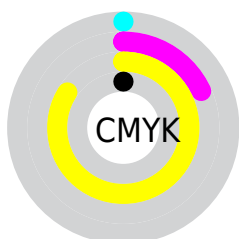
Blue (16%)



Red (40%)

Yellow (100%)

Blue (16%)

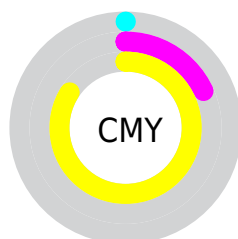


Cyan (0%)

Magenta (18%)

Yellow (84%)

Black (0%)



Cyan (0%)



















Magenta (18%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16764970 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 16764970 by changing the saturation by 10% instead.

	16764970		16764970
	16777215		14726400
	16777065		12687872
	16777093		10715136
	16777122		8808448
	16777151		6901760
	16777180		5060864
	16777210		3351552
			1773568
			0

 16764970

 16764970

 16763408

 16766531

 16762624

 16767837

 16769399

 16770960

 16772266

 16773827

 16775133

 16776694

16777215

Harmonies

Analogous

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



16757587



16764970



11920962

Triad

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



16764970



63743



16753407

Complementary

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



16764970



2775551

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.



13550591



16764970



61695

Square

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



16764970



63694



57343



16747996

Rectangle

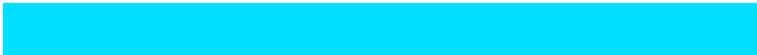
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16764970



7663467



57343



16755967

Sweetspot

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



16764970



16773567



16722524



8419161



0



8421504

Same Dimension

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



16764970



16762624



13041450



8420723



12555520



4207104

Inverse Universe

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



2775551



14591



6499071



7566976



10943



3648

Previews

White Background



This preview shows how the Decimal color 16764970 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 16764970 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 16764970 Background



This preview shows how black text looks on a background with the Decimal color 16764970.



This preview shows how white text looks on a background with the Decimal color 16764970.

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
16764970

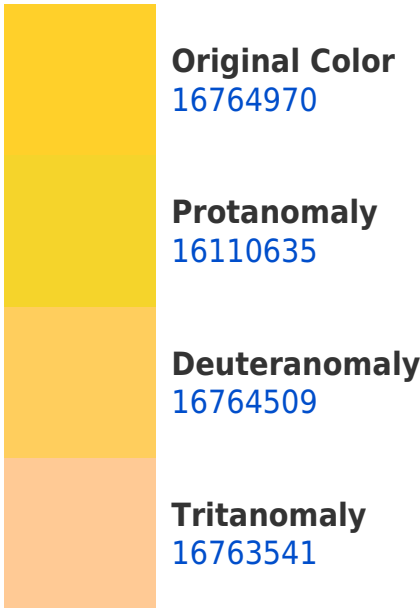
Protanopia
15783468

Deuteranopia
16764282



Tritanopia
16762578

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16764970 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 #FFD02A looks like.

```
.text, #text, p{  
    color:#FFD02A  
}
```

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 #FFD02A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD02A
}
```

Border

The CSS property to change the border of an element to Decimal 16764970 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
#FFD02A }
```

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

```
.border{ border-color:#FFD02A }
```

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

Here you see how a box with a 4 pixel #FFD02A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD02A; -webkit-box-shadow:4px 4px  
4px 4px #FFD02A; box-shadow:4px 4px 4px  
4px #FFD02A }
```

Background

The CSS property to change the background color of an element to Decimal 16764970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD02A }
```

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

```
.background{ background-color:#FFD02A }
```

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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