

Converting Colors

Decimal(16772470)

Have a look what the booklet for
Decimal(16772470) contains.

Decimal(16772470)	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(16772470)

Conversions

Conversions Part 1

Format	Color
Hex	FFED76
RGB	255, 237, 118
RGB Percent	100%, 93%, 46%
CMY	0.0000, 0.0706, 0.5373
CMYK	0.00, 0.07, 0.54, 0.00
HSL	52°, 100%, 73%
HSV	52°, 54%, 100%
XYZ	74.7942, 83.1364, 29.2444
YIQ	228.8160, 48.9270, -33.1930

Conversions

Conversions Part 2

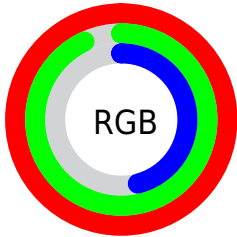
Format	Color
RYB	139, 255, 118
Decimal	16772470
CIELab	93.07, -8.53, 59.02
CIELCh	93, 59.632, 98.226
Yxy	83.1364, 0.3996, 0.4442
Android (android.graphics.Color)	4294962550 (0xFFFFED76)
YUV	228.8160, -54.6323, 22.9634
Hunter-Lab	91.1792, -13.1401, 44.8090

Details

The Decimal color **16772470** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7768319**, and the grayscale version is **15066597**.

A 20% lighter version of the original color is **16777133**, and **12891456** is the 20% darker color. If you saturate the color by 10%, you get **16771677**, and if you desaturate by 10%, it is **16773264**.

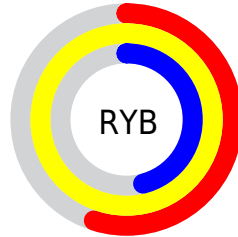
Distribution



Red (100%)

Green (93%)

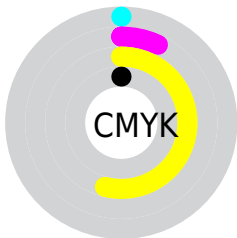
Blue (46%)



Red (55%)

Yellow (100%)

Blue (46%)

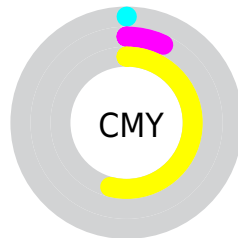


Cyan (0%)

Magenta (7%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16772470 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 16772470 by changing the saturation by 10% instead.

 16772470

 16772470

16777215

 14799195

 16777133

 12891456

 16777161

 10984228

 16777190

 9142528

 7301120

 5525504

 3815680

 2171904

 4096

■ 16772470

■ 16772470

■ 16771677

■ 16773264

■ 16770627

■ 16774313

■ 16769834

■ 16775107

■ 16769040

■ 16775900

■ 16768256

■ 16776950

16777215

Harmonies

Analogous

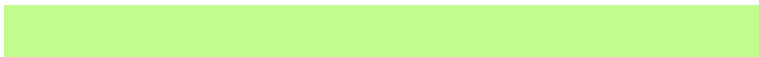
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16767360



16772470



12713102

Triad

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



16772470



65535



16761855

Complementary

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



16772470



7768319

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.



16766719



16772470



65023

Square

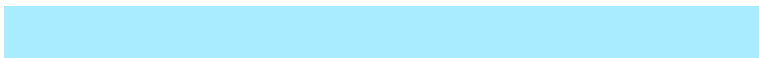
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16772470



65530



11201791



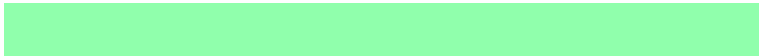
16760029

Rectangle

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



16772470



9502636



11201791



16763135

Sweetspot

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



16772470



16775894



16742024



8420455



0



8421504

Same Dimension

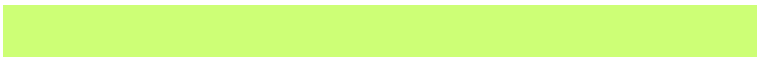
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16772470



16771676



13500278



8420979



12559872



4208384

Inverse Universe

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



7768319



6058495



11040511



7566464



6591



2112

Previews

White Background



This preview shows how the Decimal color 16772470 looks on a white background.

Color Contrast Check

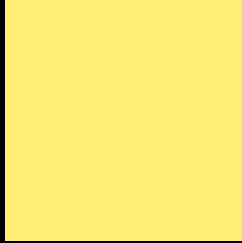
Large Text (above 18pt) WCAG AA × Fail

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 16772470 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 16772470 Background



This preview shows how black text looks on a background with the Decimal color 16772470.




This preview shows how white text looks on a background with the Decimal color 16772470.

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](#).

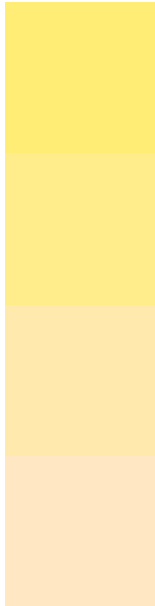
Dichromacy

	Original Color 16772470
	Protanopia 16771991
	Deuteranopia 16771021



Tritanopia
16770287

Trichromacy



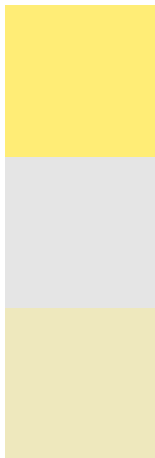
Original Color
16772470

Protanomaly
16772235

Deuteranomaly
16771501

Tritanomaly
16771011

Monochromacy



Original Color
16772470

Achromatopsia
15066597

Achromatomaly
15657149

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16772470 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 #FFED76 looks like.

```
.text, #text, p{  
    color:#FFED76  
}
```

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 #FFED76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFED76
}
```

Border

The CSS property to change the border of an element to Decimal 16772470 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
#FFED76 }
```

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

```
.border{ border-color:#FFED76 }
```

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

Here you see how a box with a 4 pixel #FFED76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFED76; -webkit-box-shadow:4px 4px  
4px 4px #FFED76; box-shadow:4px 4px 4px  
4px #FFED76 }
```

Background

The CSS property to change the background color of an element to Decimal 16772470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFED76 }
```

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

```
.background{ background-color:#FFED76 }
```

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