

Converting Colors

Decimal(16769126)

Have a look what the booklet for
Decimal(16769126) contains.

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Color

Decimal(16769126)

Conversions

Conversions Part 1

Format	Color
Hex	FFE066
RGB	255, 224, 102
RGB Percent	100%, 88%, 40%
CMY	0.0000, 0.1216, 0.6000
CMYK	0.00, 0.12, 0.60, 0.00
HSL	48°, 100%, 70%
HSV	48°, 60%, 100%
XYZ	70.2939, 75.5306, 23.4444
YIQ	219.3610, 57.6380, -31.3700

Conversions

Conversions Part 2

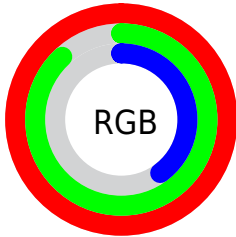
Format	Color
R_{YB}	141, 255, 102
Decimal	16769126
CIE Lab	89.64, -3.18, 62.27
CIE LCh	90, 62.348, 92.928
Yxy	75.5306, 0.4153, 0.4462
Android (android.graphics.Color)	4294959206 (0xFFFFE066)
YUV	219.3610, -57.8590, 31.2554
Hunter-Lab	86.9084, -7.7138, 44.8418

Details

The Decimal color **16769126** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6718975**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777117**, and **12822831** is the 20% darker color. If you saturate the color by 10%, you get **16767821**, and if you desaturate by 10%, it is **16770432**.

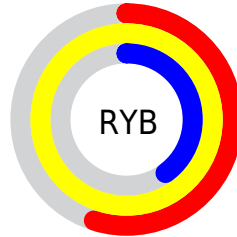
Distribution



Red (100%)

Green (88%)

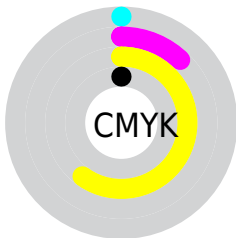
Blue (40%)



Red (55%)

Yellow (100%)

Blue (40%)

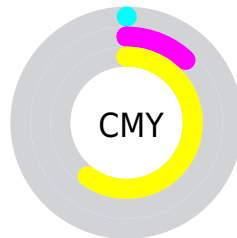


Cyan (0%)

Magenta (12%)

Yellow (60%)

Black (0%)



Cyan (0%)
















Magenta (12%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16769126 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 16769126 by changing the saturation by 10% instead.

 16769126	 16769126
16777215	 14795851
 16777117	 12822831
 16777145	 10915595
 16777173	 9008384
 16777203	 7232768
	 5391872
	 3682304
	 2038528
	 0

■ 16769126

■ 16769126

■ 16767821

■ 16770432

■ 16766515

■ 16771737

■ 16764953

■ 16773299

■ 16763648

■ 16774604

■ 16775910

16777215

Harmonies

Analogous

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



16763767



16769126



12710265

Triad

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



16769126



65279



16759295

Complementary

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



16769126



6718975

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.



15585279



16769126



63231

Square

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



16769126



65509



8578815



16756702

Rectangle

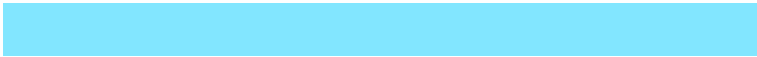
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16769126



9500823



8578815



16761087

Sweetspot

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



16769126



16774865



16737927



8419939



0



8421504

Same Dimension

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



16769126



16767559



13959014



8420723



12556288



4207360

Inverse Universe

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



6718975



4681215



9529087



7566720



10175



3392

Previews

White Background



This preview shows how the Decimal color 16769126 looks on a white background.

Color Contrast Check

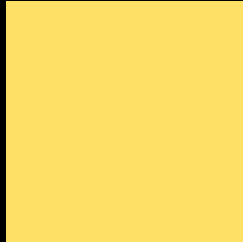
Large Text (above 18pt) WCAG AA × Fail

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 16769126 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 16769126 Background



This preview shows how black text looks on a background with the Decimal color 16769126.

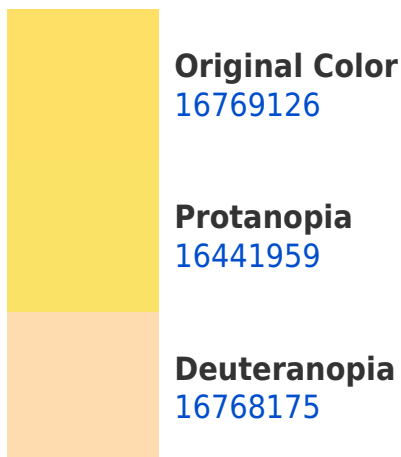



This preview shows how white text looks on a background with the Decimal color 16769126.

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](#).

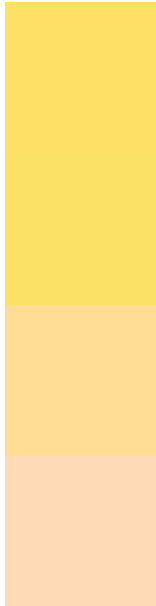
Dichromacy





Tritanopia
16766947

Trichromacy



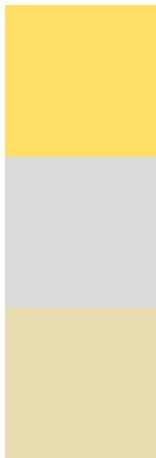
Original Color
16769126

Protanomaly
16572775

Deuteranomaly
16768404

Tritanomaly
16767670

Monochromacy



Original Color
16769126

Achromatopsia
14408667

Achromatomaly
15261104

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16769126 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 #FFE066 looks like.

```
.text, #text, p{  
    color:#FFE066  
}
```

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 #FFE066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE066
}
```

Border

The CSS property to change the border of an element to Decimal 16769126 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
#FFE066 }
```

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

```
.border{ border-color:#FFE066 }
```

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

Here you see how a box with a 4 pixel #FFE066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE066; -webkit-box-shadow:4px 4px  
4px 4px #FFE066; box-shadow:4px 4px 4px  
4px #FFE066 }
```

Background

The CSS property to change the background color of an element to Decimal 16769126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE066 }
```

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

```
.background{ background-color:#FFE066 }
```

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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