

Converting Colors

Decimal(16776876)

Have a look what the booklet for
Decimal(16776876) contains.

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Color

Decimal(16776876)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEAC
RGB	255, 254, 172
RGB Percent	100%, 100%, 67%
CMY	0.0000, 0.0039, 0.3255
CMYK	0.00, 0.00, 0.33, 0.00
HSL	59°, 100%, 84%
HSV	59°, 33%, 100%
XYZ	84.1282, 95.1222, 52.9561
YIQ	244.9510, 26.9180, -25.2900

Conversions

Conversions Part 2

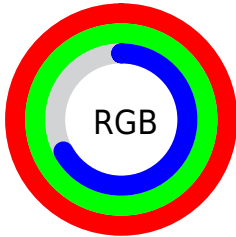
Format	Color
RYB	173, 255, 172
Decimal	16776876
CIELab	98.08, -11.66, 39.41
CIElCh	98, 41.101, 106.487
Yxy	95.1222, 0.3623, 0.4096
Android (android.graphics.Color)	4294966956 (0xFFFFEAC)
YUV	244.9510, -35.9648, 8.8130
Hunter-Lab	97.5306, -16.7075, 36.0788

Details

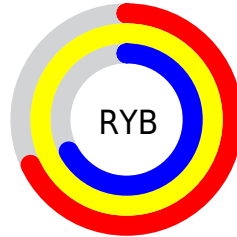
The Decimal color **16776876** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **11316735**, and the grayscale version is **16119285**.

A 20% lighter version of the original color is **16777188**, and **12961143** is the 20% darker color. If you saturate the color by 10%, you get **16776851**, and if you desaturate by 10%, it is **16776902**.

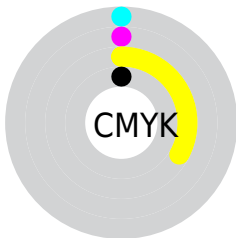
Distribution



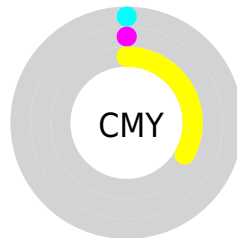
- Red (100%)
- Green (100%)
- Blue (67%)



- Red (68%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16776876 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 16776876 by changing the saturation by 10% instead.

 16776876


 16776876

16777215

 14868881

 16777188

 12961143

 11119197

 9343044

 7566892

 5922323

 4277760

 2699264

 924672

 16776876

 16776876

 16776851

 16776902

 16776569

 16777183

 16776544

 16777209

 16776518

16777215

 16776237

 16776211

 16776192

Harmonies

Analogous

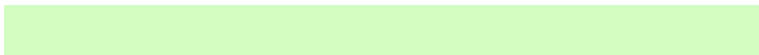
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16773548



16776876



13828033

Triad

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



16776876



8191999



16768511

Complementary

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



16776876



11316735

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.



16771327



16776876



11206655

Square

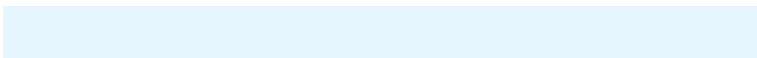
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776876



8257535



15136511



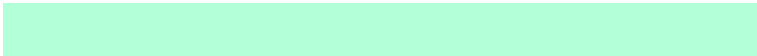
16768229

Rectangle

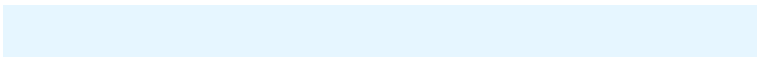
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776876



11730904



15136511



16769279

Sweetspot

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



16776876



16777190



16755885



8421232



0



8421504

Same Dimension

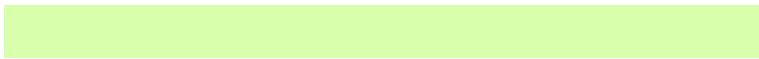
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776876



16776860



14155692



8421235



12565760



4210432

Inverse Universe

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



11316735



10264063



13937919



7566208



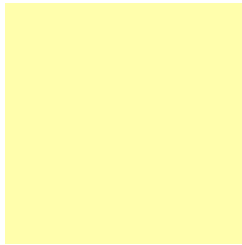
703



320

Previews

White Background



This preview shows how the Decimal color 16776876 looks on a white background.

Color Contrast Check

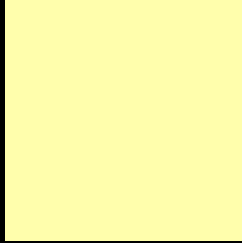
Large Text (above 18pt) WCAG AA × Fail

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 16776876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

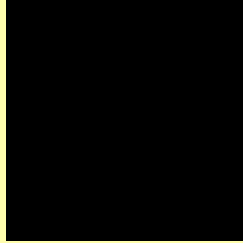
Any Text WCAG AA ✓ Pass

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 16776876 Background



This preview shows how black text looks on a background with the Decimal color 16776876.



This preview shows how white text looks on a background with the Decimal color 16776876.

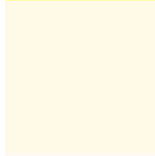
Color Blindness Simulation

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](#).

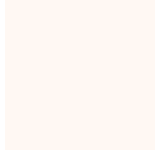
Dichromacy



Original Color
16776876



Protanopia
16775656



Deuteranopia
16775411



Tritanopia
16775166

Trichromacy



Original Color
16776876



Protanomaly
16776146

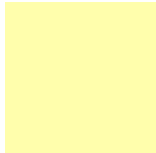


Deuteranomaly
16775897

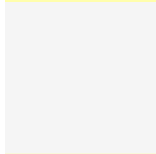


Tritanomaly
16775904

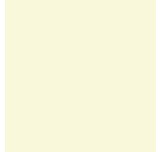
Monochromacy



Original Color
16776876



Achromatopsia
16119285



Achromatomaly
16382170

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16776876 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 #FFFEAC looks like.

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

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 #FFFEAC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 16776876 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
#FFFEAC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 16776876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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