

Converting Colors

Decimal(16776857)

Have a look what the booklet for
Decimal(16776857) contains.

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Color

Decimal(16776857)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE99
RGB	255, 254, 153
RGB Percent	100%, 100%, 60%
CMY	0.0000, 0.0039, 0.4000
CMYK	0.00, 0.00, 0.40, 0.00
HSL	59°, 100%, 80%
HSV	59°, 40%, 100%
XYZ	82.4316, 94.4435, 44.0218
YIQ	242.7850, 33.0170, -31.1990

Conversions

Conversions Part 2

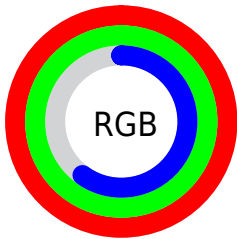
Format	Color
R_{YB}	154, 255, 153
Decimal	16776857
CIE _{Lab}	97.81, -13.74, 48.34
CIE _{LCh}	98, 50.252, 105.870
Yxy	94.4435, 0.3732, 0.4275
Android (android.graphics.Color)	4294966937 (0xFFFFFE99)
YUV	242.7850, -44.2640, 10.7126
Hunter-Lab	97.1821, -18.6617, 41.1701

Details

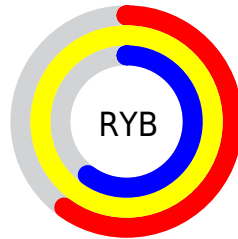
The Decimal color **16776857** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **10066687**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777169**, and **12961124** is the 20% darker color. If you saturate the color by 10%, you get **16776832**, and if you desaturate by 10%, it is **16776883**.

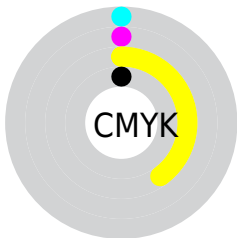
Distribution



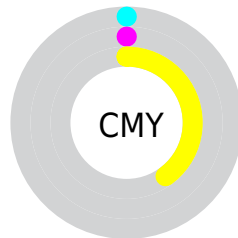
- Red (100%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)
















- Cyan (0%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16776857 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 16776857 by changing the saturation by 10% instead.

 16776857	 16776857
16777215	 14868862
 16777169	 12961124
 16777197	 11053642
	 9277488
	 7501333
	 5791232
	 4146688
	 2437120
	 531456

 16776857

 16776857

 16776832

 16776883

 16776806

 16777164

 16776525

 16777190

 16776499

16777215

 16776473

 16776448

Harmonies

Analogous

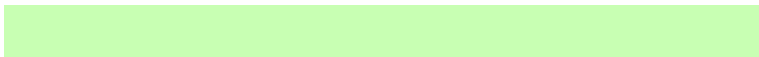
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772762



16776857



13172659

Triad

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



16776857



3080191



16766463

Complementary

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



16776857



10066687

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.



16770047



16776857



8978431

Square

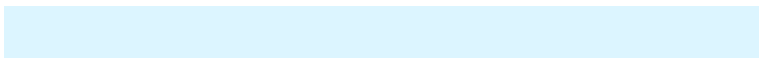
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776857



4259839



14480895



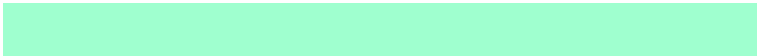
16765920

Rectangle

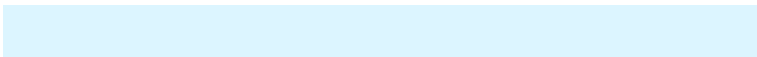
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776857



10485711



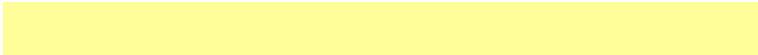
14480895



16767487

Sweetspot

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



16776857



16777184



16751003



8421230



0



8421504

Same Dimension

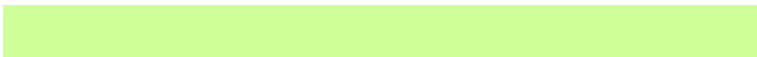
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776857



16776837



13565849



8421235



12565760



4210432

Inverse Universe

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



10066687



8750847



13277695



7566208



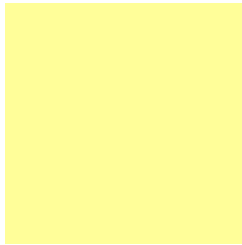
703



320

Previews

White Background



This preview shows how the Decimal color 16776857 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 16776857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

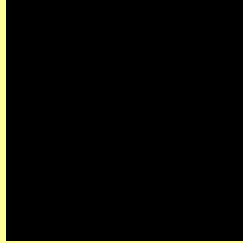
Any Text WCAG AA ✓ Pass

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 16776857 Background



This preview shows how black text looks on a background with the Decimal color 16776857.



This preview shows how white text looks on a background with the Decimal color 16776857.

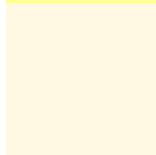
Color Blindness Simulation

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](#).

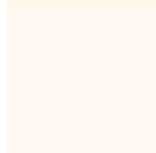
Dichromacy



Original Color
16776857



Protanopia
16775651

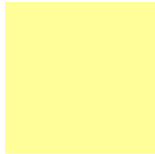


Deuteranopia
16775152



Tritanopia
16774909

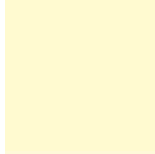
Trichromacy



Original Color
16776857



Protanomaly
16776136



Deuteranomaly
16775888

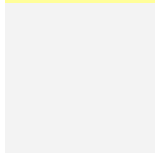


Tritanomaly
16775641

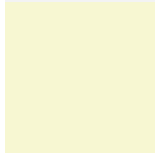
Monochromacy



Original Color
16776857



Achromatopsia
15987699



Achromatomaly
16250834

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16776857 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 #FFFE99 looks like.

```
.text, #text, p{  
  color:#FFFE99  
}
```

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 #FFFE99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFE99
}
```

Border

The CSS property to change the border of an element to Decimal 16776857 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
#FFFE99 }
```

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

```
.border{ border-color:#FFFE99 }
```

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

Here you see how a box with a 4 pixel #FFFE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFE99; -webkit-box-shadow:4px 4px  
4px 4px #FFFE99; box-shadow:4px 4px 4px  
4px #FFFE99 }
```

Background

The CSS property to change the background color of an element to Decimal 16776857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFE99 }
```

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

```
.background{ background-color:#FFFE99 }
```

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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