

# Converting Colors

Decimal(16776852)

Have a look what the booklet for  
Decimal(16776852) contains.

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# **Color**

**Decimal(16776852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFE94
RGB	255, 254, 148
RGB Percent	100%, 100%, 58%
CMY	0.0000, 0.0039, 0.4196
CMYK	0.00, 0.00, 0.42, 0.00
HSL	59°, 100%, 79%
HSV	59°, 42%, 100%
XYZ	82.0271, 94.2817, 41.8919
YIQ	242.2150, 34.6220, -32.7540

# Conversions

## Conversions Part 2

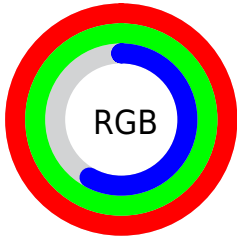
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 255, 148
Decimal	16776852
CIE <sub>Lab</sub>	97.75, -14.24, 50.65
CIE <sub>LCh</sub>	98, 52.614, 105.706
Yxy	94.2817, 0.3759, 0.4321
Android (android.graphics.Color)	4294966932 (0xFFFFFE94)
YUV	242.2150, -46.4480, 11.2124
Hunter-Lab	97.0988, -19.1297, 42.3893

# Details

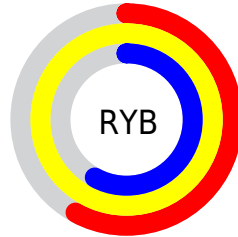
The Decimal color **16776852** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9737727**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777164**, and **12961119** is the 20% darker color. If you saturate the color by 10%, you get **16776827**, and if you desaturate by 10%, it is **16776878**.

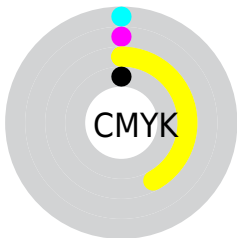
# Distribution



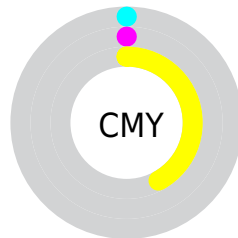
- Red (100%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)
















- Cyan (0%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776852 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 16776852 by changing the saturation by 10% instead.



 16776852	 16776852
16777215	 14868857
 16777164	 12961119
 16777192	 11053637
	 9277483
	 7435788
	 5725696
	 4081152
	 2371584
	 400384

 16776852

 16776852

 16776827

 16776878

 16776801

 16776903

 16776520

 16777185

 16776494

 16777210

 16776469

16777215

 16776448

# Harmonies

## Analogous

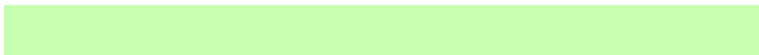
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772501



16776852



12976047

# Triad

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



16776852



65535



16765951

# Complementary

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



16776852



9737727

# 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.



16769535



16776852



8257535

# Square

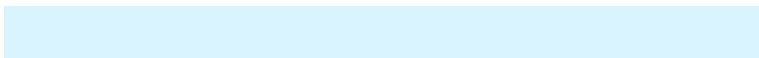
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776852



2031615



14284031



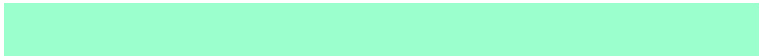
16765407

# Rectangle

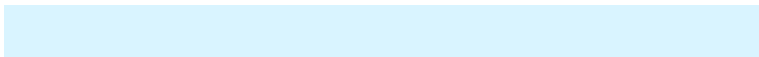
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776852



10158029



14284031



16766975



# Sweetspot

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



16776852



16777182



16749718



8421227



0



8421504



# Same Dimension

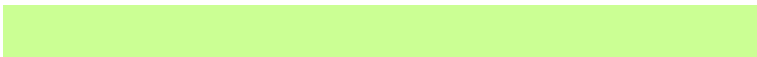
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776852



16776832



13369236



8421235



12565760



4210432



# Inverse Universe

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



9737727



8421887



13145343



7566208



703

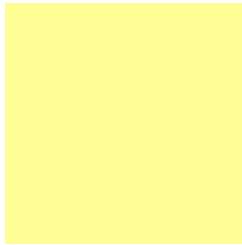


320



# Previews

## White Background



This preview shows how the Decimal color 16776852 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 16776852 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 16776852 Background



This preview shows how black text looks on a background with the Decimal color 16776852.



This preview shows how white text looks on a background with the Decimal color 16776852.

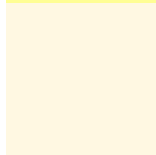
# Color Blindness Simulation

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](#).

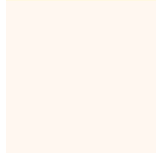
## Dichromacy



**Original Color**  
16776852



**Protanopia**  
16775394



**Deuteranopia**  
16775152



**Tritanopia**  
16774908

# Trichromacy



**Original Color**  
16776852



**Protanomaly**  
16775878

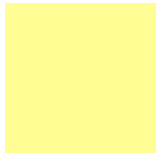


**Deuteranomaly**  
16775887

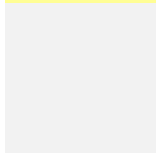


**Tritanomaly**  
16775638

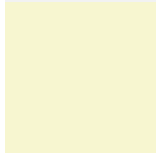
# Monochromacy



**Original Color**  
16776852



**Achromatopsia**  
15921906



**Achromatomaly**  
16250576

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776852 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 #FFFE94 looks like.

```
.text, #text, p{  
    color:#FFFE94  
}
```

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 #FFFE94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFE94
}
```

## Border

The CSS property to change the border of an element to Decimal 16776852 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
#FFFE94 }
```

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

```
.border{ border-color:#FFFE94 }
```

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

Here you see how a box with a 4 pixel #FFFE94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFE94; -webkit-box-shadow:4px 4px  
4px 4px #FFFE94; box-shadow:4px 4px 4px  
4px #FFFE94 }
```

# Background

The CSS property to change the background color of an element to Decimal 16776852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFE94 }
```

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

```
.background{ background-color:#FFFE94 }
```

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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