

# Converting Colors

Decimal(16776629)

Have a look what the booklet for  
Decimal(16776629) contains.

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# **Color**

**Decimal(16776629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFDB5
RGB	255, 253, 181
RGB Percent	100%, 99%, 71%
CMY	0.0000, 0.0078, 0.2902
CMYK	0.00, 0.01, 0.29, 0.00
HSL	58°, 100%, 85%
HSV	58°, 29%, 100%
XYZ	84.7058, 94.8468, 57.5588
YIQ	245.3900, 24.3040, -21.9680

# Conversions

## Conversions Part 2

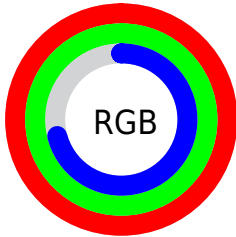
Format	Color
<a href="#">RYB</a>	<a href="#">183, 255, 181</a>
Decimal	<a href="#">16776629</a>
CIELab	<a href="#">97.97, -10.09, 34.79</a>
CIELCh	<a href="#">98, 36.224, 106.179</a>
Yxy	<a href="#">94.8468, 0.3572, 0.4000</a>
Android (android.graphics.Color)	<a href="#">4294966709</a> ( <a href="#">0xFFFFFDB5</a> )
YUV	<a href="#">245.3900, -31.7443, 8.4280</a>
Hunter-Lab	<a href="#">97.3893, -15.1783, 33.1310</a>

# Details

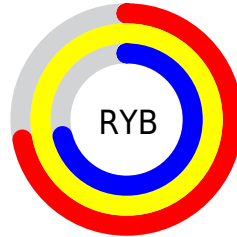
The Decimal color **16776629** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **11909119**, and the grayscale version is **16185078**.

A 20% lighter version of the original color is **16777197**, and **12960895** is the 20% darker color. If you saturate the color by 10%, you get **16776348**, and if you desaturate by 10%, it is **16776911**.

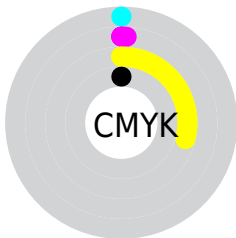
# Distribution



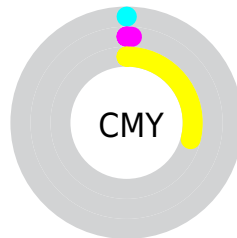
- Red (100%)
- Green (99%)
- Blue (71%)



- Red (72%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16776629 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 16776629 by changing the saturation by 10% instead.



 16776629


 16776629

16777215

 14868634

 16777197

 12960895

 11184486

 9342797

 7632181

 5922077

 4343044

 2830080

 1121024

 16776629

 16776629

 16776348

 16776911

 16776322

 16776936

 16776041

16777215

 16775759

 16775734

 16775452

 16775171

 16775168

# Harmonies

## Analogous

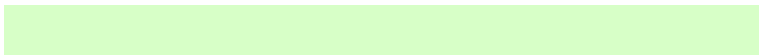
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16773557



16776629



14155719

# Triad

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



16776629



9633791



16769535

# Complementary

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



16776629



11909119

# 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.



16771839



16776629



11993087

# Square

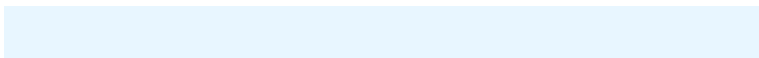
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776629



9633791



15267583



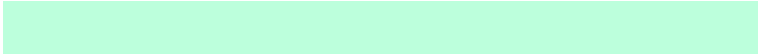
16769255

# Rectangle

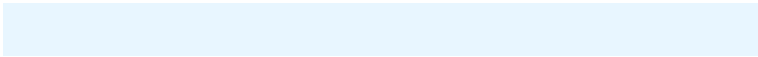
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776629



12386268



15267583



16770047



# Sweetspot

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



16776629



16776936



16758199



8421233



0



8421504



# Same Dimension

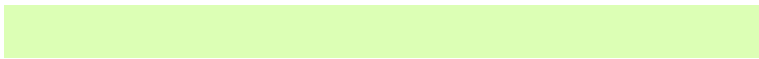
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776629



16776614



14483381



8421235



12564992



4210176



# Inverse Universe

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



11909119



10922239



14202367



7566208



1471

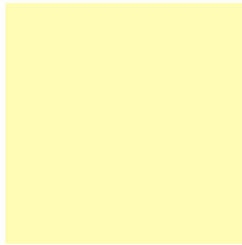


576



# Previews

## White Background



This preview shows how the Decimal color 16776629 looks on a white background.

## Color Contrast Check

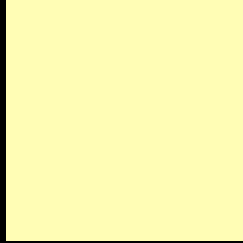
Large Text (above 18pt) WCAG AA × Fail

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 16776629 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

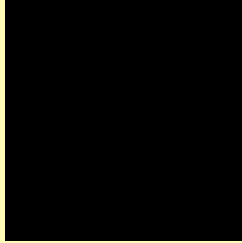
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16776629 Background



This preview shows how black text looks on a background with the Decimal color 16776629.



This preview shows how white text looks on a background with the Decimal color 16776629.

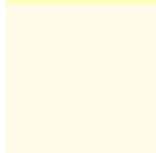
# Color Blindness Simulation

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](#).

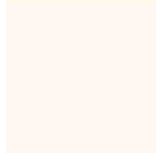
## Dichromacy



**Original Color**  
16776629



**Protanopia**  
16775655



**Deuteranopia**  
16775410



**Tritanopia**  
16775166

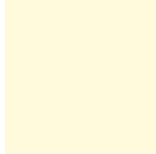
# Trichromacy



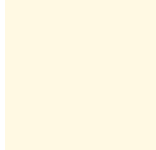
**Original Color**  
16776629



**Protanomaly**  
16775893

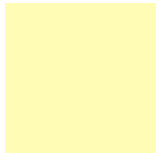


**Deuteranomaly**  
16775900

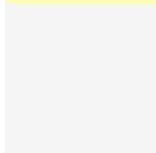


**Tritanomaly**  
16775651

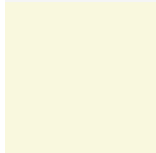
# Monochromacy



**Original Color**  
16776629



**Achromatopsia**  
16119285



**Achromatomaly**  
16382174

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16776629 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 #FFFDB5 looks like.

```
.text, #text, p{  
    color:#FFFDB5  
}
```

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 #FFFDB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFDB5
}
```

## Border

The CSS property to change the border of an element to Decimal 16776629 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
#FFFDB5 }
```

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

```
.border{ border-color:#FFFDB5 }
```

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

Here you see how a box with a 4 pixel #FFFDB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFDB5; -webkit-box-shadow:4px 4px  
4px 4px #FFFDB5; box-shadow:4px 4px 4px  
4px #FFFDB5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16776629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFDB5 }
```

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

```
.background{ background-color:#FFFDB5 }
```

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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