

Converting Colors

Decimal(16776602)

Have a look what the booklet for
Decimal(16776602) contains.

Decimal(16776602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16776602)

Conversions

Conversions Part 1

Format	Color
Hex	FFFD9A
RGB	255, 253, 154
RGB Percent	100%, 99%, 60%
CMY	0.0000, 0.0078, 0.3961
CMYK	0.00, 0.01, 0.40, 0.00
HSL	59°, 100%, 80%
HSV	59°, 40%, 100%
XYZ	82.1980, 93.8437, 44.3532
YIQ	242.3120, 32.9710, -30.3650

Conversions

Conversions Part 2

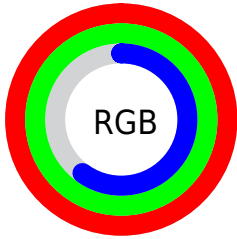
Format	Color
RYB	156, 255, 154
Decimal	16776602
CIELab	97.57, -13.15, 47.55
CIELCh	98, 49.336, 105.460
Yxy	93.8437, 0.3730, 0.4258
Android (android.graphics.Color)	4294966682 (0xFFFFFD9A)
YUV	242.3120, -43.5378, 11.1274
Hunter-Lab	96.8729, -18.0679, 40.6652

Details

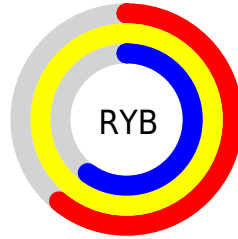
The Decimal color **16776602** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **10132735**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777170**, and **12961125** is the 20% darker color. If you saturate the color by 10%, you get **16776321**, and if you desaturate by 10%, it is **16776883**.

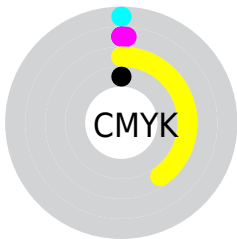
Distribution



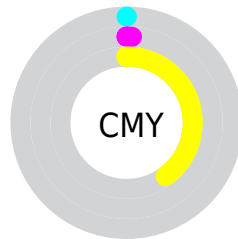
- Red (100%)
- Green (99%)
- Blue (60%)



- Red (61%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (0%)
















- Cyan (0%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16776602 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 16776602 by changing the saturation by 10% instead.

 16776602	 16776602
16777215	 14868607
 16777170	 12961125
 16777198	 11118923
	 9277234
	 7501079
	 5790976
	 4146432
	 2436864
	 531200

 16776602

 16776602

 16776321

 16776883

 16776295

 16776909

 16776014

 16777191

 16775988

16777215

 16775706

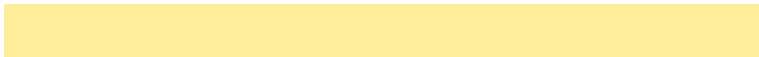
 16775681

 16775680

Harmonies

Analogous

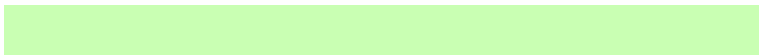
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772507



16776602



13238195

Triad

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



16776602



3801087



16766463

Complementary

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



16776602



10132735

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



16776602



9109503

Square

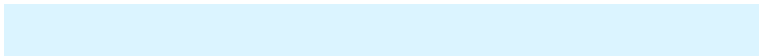
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776602



4784127



14415103



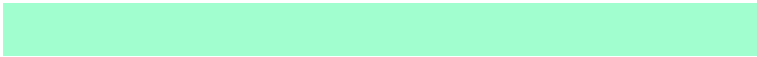
16765921

Rectangle

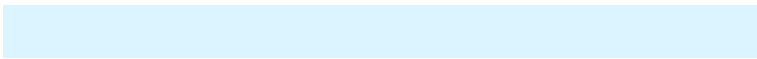
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16776602



10616783



14415103



16767487

Sweetspot

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



16776602



16776928



16751261



8421230



0



8421504

Same Dimension

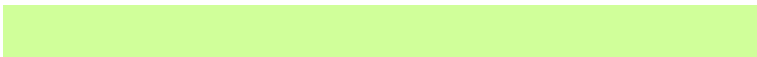
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776602



16776581



13696922



8421235



12565248



4210176

Inverse Universe

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



10132735



8751103



13212415



7566208



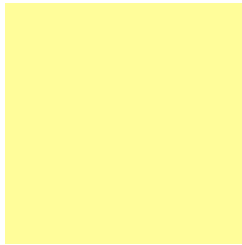
1215



320

Previews

White Background



This preview shows how the Decimal color 16776602 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 16776602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

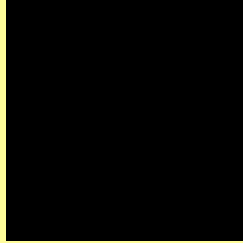
Any Text WCAG AA ✓ Pass

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 16776602 Background



This preview shows how black text looks on a background with the Decimal color 16776602.



This preview shows how white text looks on a background with the Decimal color 16776602.

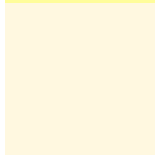
Color Blindness Simulation

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](#).

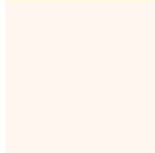
Dichromacy



Original Color
16776602



Protanopia
16775392



Deuteranopia
16775151



Tritanopia
16774652

Trichromacy



Original Color
16776602



Protanomaly
16775879

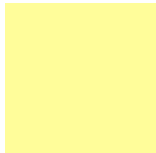


Deuteranomaly
16775632

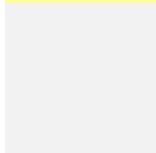


Tritanomaly
16775384

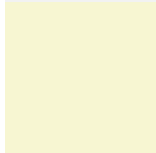
Monochromacy



Original Color
16776602



Achromatopsia
15921906



Achromatomaly
16250578

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16776602 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 #FFFD9A looks like.

```
.text, #text, p{  
    color:#FFFD9A  
}
```

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 #FFFD9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFD9A
}
```

Border

The CSS property to change the border of an element to Decimal 16776602 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
#FFFD9A }
```

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

```
.border{ border-color:#FFFD9A }
```

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

Here you see how a box with a 4 pixel #FFFD9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFD9A; -webkit-box-shadow:4px 4px  
4px 4px #FFFD9A; box-shadow:4px 4px 4px  
4px #FFFD9A }
```

Background

The CSS property to change the background color of an element to Decimal 16776602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFD9A }
```

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

```
.background{ background-color:#FFFD9A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor