

# Converting Colors

Decimal(16179626)

Have a look what the booklet for  
Decimal(16179626) contains.

<b>Decimal(16179626)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16179626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E1AA
RGB	246, 225, 170
RGB Percent	96%, 88%, 67%
CMY	0.0353, 0.1176, 0.3333
CMYK	0.00, 0.09, 0.31, 0.04
HSL	43°, 81%, 82%
HSV	43°, 31%, 96%
XYZ	72.1869, 76.3455, 48.9617
YIQ	225.0090, 30.1710, -12.6530

# Conversions

## Conversions Part 2

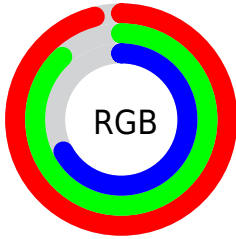
Format	Color
<a href="#">RYB</a>	<a href="#">199, 246, 170</a>
Decimal	<a href="#">16179626</a>
CIELab	<a href="#">90.02, -0.79, 29.57</a>
CIElCh	<a href="#">90, 29.578, 91.537</a>
Yxy	<a href="#">76.3455, 0.3655, 0.3866</a>
Android (android.graphics.Color)	<a href="#">4294369706 (0xFFFF6E1AA)</a>
YUV	<a href="#">225.0090, -27.1194, 18.4091</a>
Hunter-Lab	<a href="#">87.3759, -5.4374, 27.9396</a>

# Details

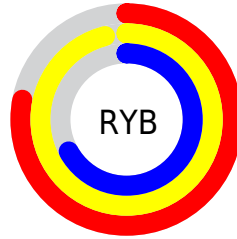
The Decimal color **16179626** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11190262**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16777186**, and **12429941** is the 20% darker color. If you saturate the color by 10%, you get **16177809**, and if you desaturate by 10%, it is **16181443**.

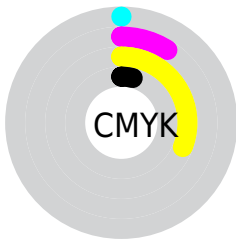
# Distribution



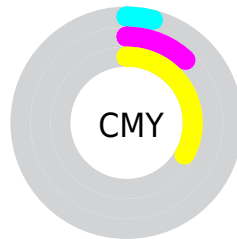
- Red (96%)
- Green (88%)
- Blue (67%)



- Red (78%)
- Yellow (96%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (4%)















- Cyan (4%)
- Magenta (12%)
- Yellow (33%)


# Brightness & Saturation Gradients


These gradients show how the Decimal color 16179626 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 16179626 by changing the saturation by 10% instead.




 16179626	 16179626
16777215	 14271887
 16777186	 12429941
16777214	 10587996
	 8812100
	 7101741
	 5457430
	 3878912
	 2300672
	 0

 16179626

 16179626

 16177809


 16181443

 16175993


 16183259

 16174432


 16184820


 16172616

 16186623

 16170799

 16187391

 16168982

 16167424

# Harmonies

## Analogous

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



16767154



16179626



14150322

# Triad

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



16179626



9499135



16765694

# Complementary

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



16179626



11190262

# Split Complementary

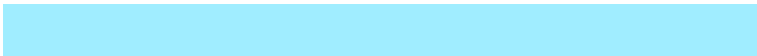
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15326207



16179626



10546687

# Square

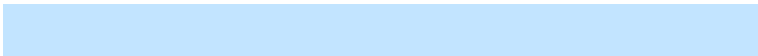
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16179626



10285795



12772607



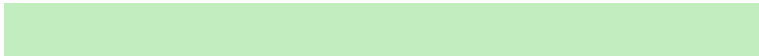
16764642

# Rectangle

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



16179626



12775103



12772607



16766463



# Sweetspot

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



16179626



16775656



16165568



8420465



0



8421504



# Same Dimension

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



16179626



16770465



15136426



8025966



12224256



3877376



# Inverse Universe

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



11190262



10599423



12233462



7238266



13242

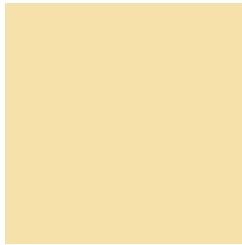


4155



# Previews

## White Background



This preview shows how the Decimal color 16179626 looks on a white background.

## Color Contrast Check

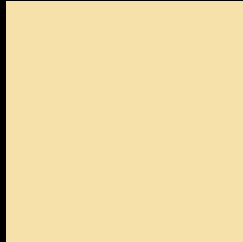
Large Text (above 18pt) WCAG AA × Fail

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 16179626 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

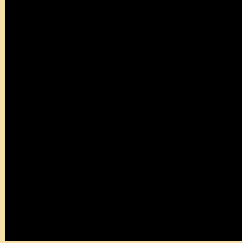
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16179626 Background



This preview shows how black text looks on a background with the Decimal color 16179626.

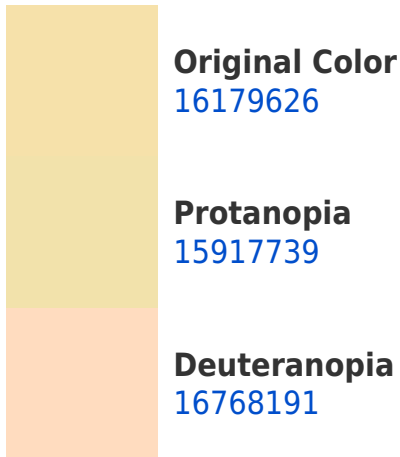



This preview shows how white text looks on a background with the Decimal color 16179626.

# 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](#).

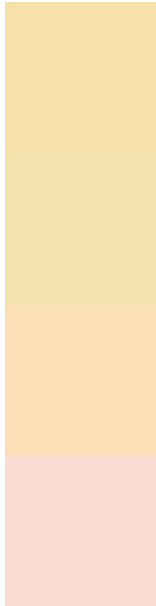
## Dichromacy





**Tritanopia**  
16636393

# Trichromacy



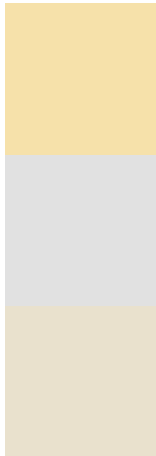
**Original Color**  
16179626

**Protanomaly**  
15983275

**Deuteranomaly**  
16572087

**Tritanomaly**  
16440530

# Monochromacy



**Original Color**  
16179626

**Achromatopsia**  
14803425

**Achromatomaly**  
15327693

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16179626 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 #F6E1AA looks like.

```
.text, #text, p{  
    color:#F6E1AA  
}
```

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 #F6E1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6E1AA
}
```

## Border

The CSS property to change the border of an element to Decimal 16179626 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
#F6E1AA }
```

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

```
.border{ border-color:#F6E1AA }
```

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

Here you see how a box with a 4 pixel #F6E1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6E1AA; -webkit-box-shadow:4px 4px  
4px 4px #F6E1AA; box-shadow:4px 4px 4px  
4px #F6E1AA }
```

# Background

The CSS property to change the background color of an element to Decimal 16179626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6E1AA }
```

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

```
.background{ background-color:#F6E1AA }
```

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