

# Converting Colors

Decimal(14803321)

Have a look what the booklet for  
Decimal(14803321) contains.

<b>Decimal(14803321)</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(14803321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E179
RGB	225, 225, 121
RGB Percent	88%, 88%, 47%
CMY	0.1176, 0.1176, 0.5255
CMYK	0.00, 0.00, 0.46, 0.12
HSL	60°, 63%, 68%
HSV	60°, 46%, 88%
XYZ	61.4277, 71.2385, 28.6020
YIQ	213.1440, 33.3840, -32.3440

# Conversions

## Conversions Part 2

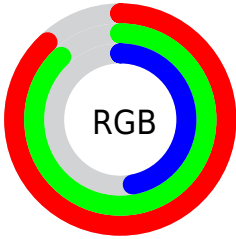
Format	Color
<a href="#">RYB</a>	<a href="#">121, 225, 121</a>
Decimal	<a href="#">14803321</a>
CIELab	<a href="#">87.60, -14.26, 50.53</a>
CIELCh	<a href="#">88, 52.508, 105.760</a>
Yxy	<a href="#">71.2385, 0.3809, 0.4417</a>
Android (android.graphics.Color)	<a href="#">4292993401 (0xFFE1E179)</a>
YUV	<a href="#">213.1440, -45.4270, 10.3977</a>
Hunter-Lab	<a href="#">84.4029, -17.7942, 38.9902</a>

# Details

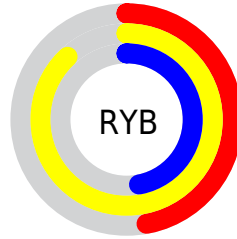
The Decimal color **14803321** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7961057**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777135**, and **11053637** is the 20% darker color. If you saturate the color by 10%, you get **14803298**, and if you desaturate by 10%, it is **14803344**.

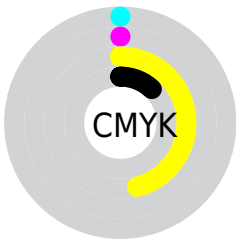
# Distribution



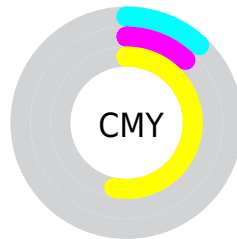
- Red (88%)
- Green (88%)
- Blue (47%)



- Red (47%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (0%)
- Yellow (46%)
- Black (12%)

















- Cyan (12%)
- Magenta (12%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14803321 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 14803321 by changing the saturation by 10% instead.



 14803321	 14803321
16777215	 12895583
 16777135	 11053637
 16777163	 9211691
 16777192	 7435788
	 5725440
	 4081152
	 2371584
	 400384
	 0

 14803321

 14803321

 14803298

 14803344

 14803276

 14803366

 14803253

 14803388

 14803231

 14803411

 14803208

 14803433

 14803200

 14803455

# Harmonies

## Analogous

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



16765050



14803321



11136404

# Triad

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



14803321



62207



16758518

# Complementary

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



14803321



7961057

# 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.



16762367



14803321



5695743

# Square

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



14803321



63221



12310783



16757955

# Rectangle

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



14803321



8254129



12310783



16759551



# Sweetspot

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



14803321



16777179



14776697



8421482



0



8421504



# Same Dimension

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



14803321



16777075



11395449



7368805



11579392



3158016



# Inverse Universe

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



7961057



7566335



11368929



6645104



176

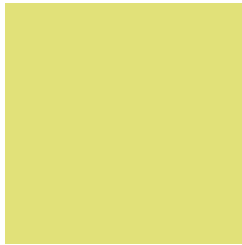


48



# Previews

## White Background



This preview shows how the Decimal color 14803321 looks on a white background.

## Color Contrast Check

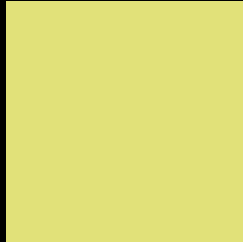
Large Text (above 18pt) WCAG AA × Fail

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 14803321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

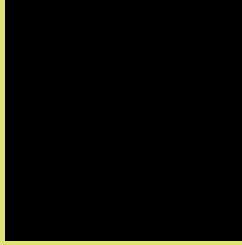
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14803321 Background



This preview shows how black text looks on a background with the Decimal color 14803321.

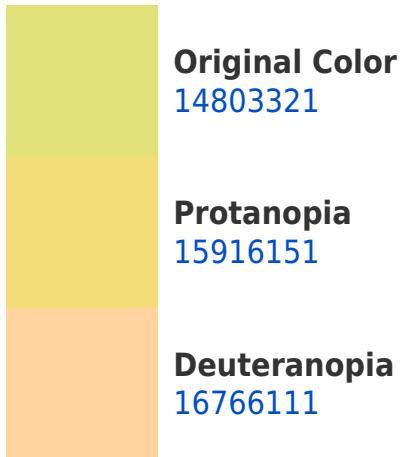


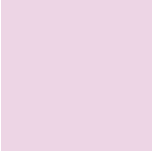
This preview shows how white text looks on a background with the Decimal color 14803321.

# 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**  
15586789

# Trichromacy



**Original Color**  
14803321

**Protanomaly**  
15523448

**Deuteranomaly**  
16046481

**Tritanomaly**  
15325630

# Monochromacy



**Original Color**  
14803321

**Achromatopsia**  
14013909

**Achromatomaly**  
14277044

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14803321 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 #E1E179 looks like.

```
.text, #text, p{  
    color:#E1E179  
}
```

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 #E1E179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E179
}
```

## Border

The CSS property to change the border of an element to Decimal 14803321 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
#E1E179 }
```

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

```
.border{ border-color:#E1E179 }
```

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

Here you see how a box with a 4 pixel #E1E179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E179; -webkit-box-shadow:4px 4px  
4px 4px #E1E179; box-shadow:4px 4px 4px  
4px #E1E179 }
```

# Background

The CSS property to change the background color of an element to Decimal 14803321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E179 }
```

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

```
.background{ background-color:#E1E179 }
```

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