

# Converting Colors

Decimal(14280829)

Have a look what the booklet for  
Decimal(14280829) contains.

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# **Color**

**Decimal(14280829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E87D
RGB	217, 232, 125
RGB Percent	85%, 91%, 49%
CMY	0.1490, 0.0902, 0.5098
CMYK	0.06, 0.00, 0.46, 0.09
HSL	68°, 70%, 70%
HSV	68°, 46%, 91%
XYZ	61.1736, 73.9456, 30.4508
YIQ	215.3170, 25.4070, -36.4570

# Conversions

## Conversions Part 2

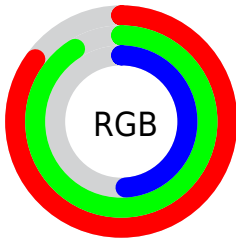
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 232, 140
Decimal	14280829
CIELab	88.90, -20.44, 50.07
CIELCh	89, 54.080, 112.213
Yxy	73.9456, 0.3695, 0.4466
Android (android.graphics.Color)	4292470909 (0xFFD9E87D)
YUV	215.3170, -44.5263, 1.4760
Hunter-Lab	85.9916, -23.5023, 39.1988

# Details

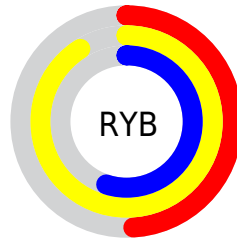
The Decimal color **14280829** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9207272**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16777140**, and **10530889** is the 20% darker color. If you saturate the color by 10%, you get **14084198**, and if you desaturate by 10%, it is **14477460**.

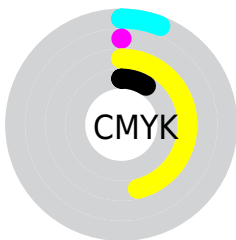
# Distribution



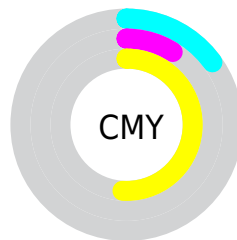
- Red (85%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14280829 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 14280829 by changing the saturation by 10% instead.



 14280829

 14280829

16777215

 12373091

 16777140

 10530889

 16777168

 8754735

 16777196

 6978577

 5268224

 3623680

 1913856

 8192

 0

14280829

14280829

14084198

14477460

13822031

14739627

13625399

14936259

13428768

15132890

13232137

15329521

13101056

15591679

15788287

15984895

16181503

# Harmonies

## Analogous

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



16767096



14280829



10351518

# Triad

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



14280829



62719



16758767

# Complementary

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



14280829



9207272

# 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.



16762111



14280829



7334399

# Square

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



14280829



64255



13686783



16758971

# Rectangle

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



14280829



7076030



13686783



16759551



# Sweetspot

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



14280829



16449499



15240061



8159338



0



8421504



# Same Dimension

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



14280829



15466355



10807421



7435111



10072832



2896640



# Inverse Universe

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



9207272



8811519



12680680



6907763



1638579

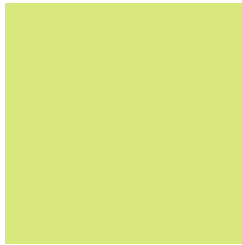


458803



# Previews

## White Background



This preview shows how the Decimal color 14280829 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 14280829 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 14280829 Background



This preview shows how black text looks on a background with the Decimal color 14280829.

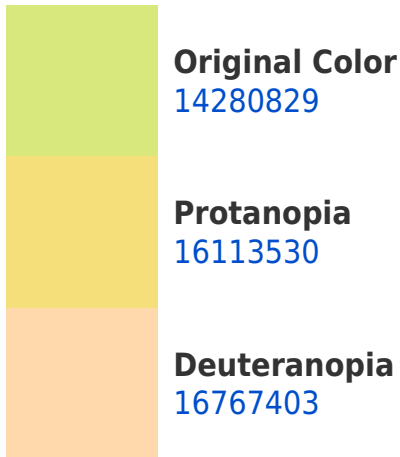


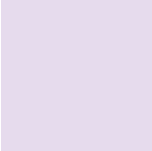
This preview shows how white text looks on a background with the Decimal color 14280829.

# 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](#).

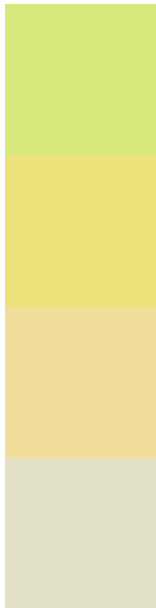
## Dichromacy





**Tritanopia**  
15129581

# Trichromacy



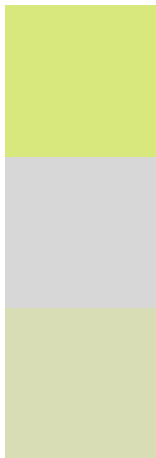
**Original Color**  
14280829

**Protanomaly**  
15458939

**Deuteranomaly**  
15851162

**Tritanomaly**  
14803140

# Monochromacy



**Original Color**  
14280829

**Achromatopsia**  
14145495

**Achromatomaly**  
14212534

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14280829 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 #D9E87D looks like.

```
.text, #text, p{  
    color:#D9E87D  
}
```

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 #D9E87D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E87D
}
```

## Border

The CSS property to change the border of an element to Decimal 14280829 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
#D9E87D }
```

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

```
.border{ border-color:#D9E87D }
```

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

Here you see how a box with a 4 pixel #D9E87D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E87D; -webkit-box-shadow:4px 4px  
4px 4px #D9E87D; box-shadow:4px 4px 4px  
4px #D9E87D }
```

# Background

The CSS property to change the background color of an element to Decimal 14280829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E87D }
```

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

```
.background{ background-color:#D9E87D }
```

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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