

# Converting Colors

Decimal(14211830)

Have a look what the booklet for  
Decimal(14211830) contains.

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# **Color**

**Decimal(14211830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8DAF6
RGB	216, 218, 246
RGB Percent	85%, 85%, 96%
CMY	0.1529, 0.1451, 0.0353
CMYK	0.12, 0.11, 0.00, 0.04
HSL	236°, 63%, 91%
HSV	236°, 12%, 96%
XYZ	70.0249, 71.3956, 97.2788
YIQ	220.5940, -10.1800, 8.2840

# Conversions

## Conversions Part 2

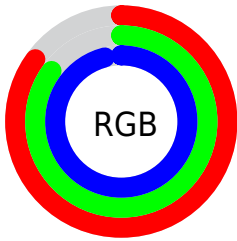
Format	Color
R <sub>Y</sub> B	216, 218, 246
Decimal	14211830
CIE Lab	87.68, 4.70, -13.87
CIE LCh	88, 14.649, 288.730
Yxy	71.3956, 0.2934, 0.2991
Android (android.graphics.Color)	4292401910 (0xFFD8DAF6)
YUV	220.5940, 12.5252, -4.0289
Hunter-Lab	84.4959, 0.0617, -9.1125

# Details

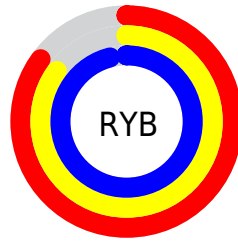
The Decimal color **14211830** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16184536**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777215**, and **10593214** is the 20% darker color. If you saturate the color by 10%, you get **12567542**, and if you desaturate by 10%, it is **15856118**.

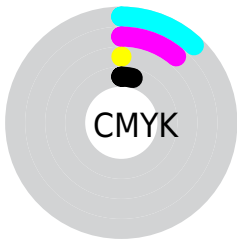
# Distribution



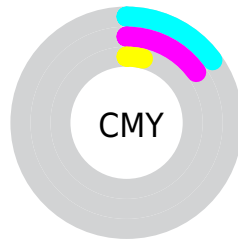
- Red (85%)
- Green (85%)
- Blue (96%)



- Red (85%)
- Yellow (85%)
- Blue (96%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14211830 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 14211830 by changing the saturation by 10% instead.



■ 14211830

16777215

■ 14211830

■ 12369626

■ 10593214

■ 8882595

■ 7172232

■ 5592943

■ 4014167

■ 2566719

■ 1119785

■ 277

■ 14211830

■ 14211830

■ 12567542

■ 15856118

■ 10988790

■ 16777206

■ 9344502

■ 7765750

■ 6121462

■ 4477174

■ 2898422

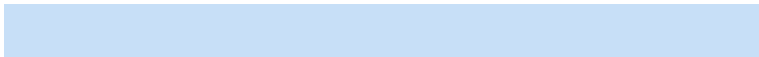
■ 1254134

■ 4342

# Harmonies

## Analogous

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



13098999



14211830



15324910

# Triad

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



14211830



16242119



12641494

# Complementary

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



14211830



16184536

# 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.



13558217



14211830



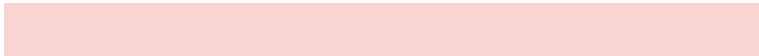
15522241

# Square

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



14211830



16438227



14606017



12182756

# Rectangle

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



14211830



15913958



14606017



12903377



# Sweetspot

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



14211830



16119295



14218996



7961216



0



8421504



# Same Dimension

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



14211830



14277631



15063286



7237498



3258



1083



# Inverse Universe

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



16177370



16767451



15333080



8023663



12189708

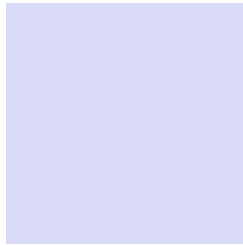


3866628



# Previews

## White Background



This preview shows how the Decimal color 14211830 looks on a white background.

## Color Contrast Check

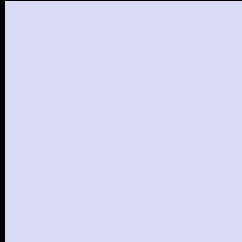
Large Text (above 18pt) WCAG AA × Fail

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 14211830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

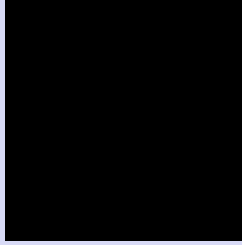
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14211830 Background



This preview shows how black text looks on a background with the Decimal color 14211830.

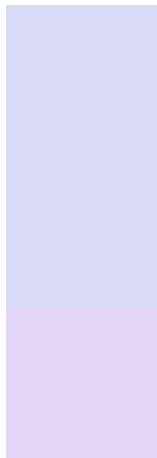


This preview shows how white text looks on a background with the Decimal color 14211830.

# 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](#).

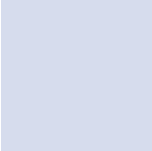
## Dichromacy



**Original Color**  
14211830

**Protanopia**  
14211830

**Deuteranopia**  
14997239



**Tritanopia**  
14081261

# Trichromacy



**Original Color**  
14211830

**Protanomaly**  
14211830

**Deuteranomaly**  
14735351

**Tritanomaly**  
14146544

# Monochromacy



**Original Color**  
14211830

**Achromatopsia**  
14540253

**Achromatomaly**  
14408934

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14211830 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 #D8DAF6 looks like.

```
.text, #text, p{  
    color:#D8DAF6  
}
```

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 #D8DAF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8DAF6
}
```

## Border

The CSS property to change the border of an element to Decimal 14211830 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
#D8DAF6 }
```

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

```
.border{ border-color:#D8DAF6 }
```

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

Here you see how a box with a 4 pixel #D8DAF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8DAF6; -webkit-box-shadow:4px 4px  
4px 4px #D8DAF6; box-shadow:4px 4px 4px  
4px #D8DAF6 }
```

# Background

The CSS property to change the background color of an element to Decimal 14211830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8DAF6 }
```

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

```
.background{ background-color:#D8DAF6 }
```

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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