

# Converting Colors

Decimal(12834287)

Have a look what the booklet for  
Decimal(12834287) contains.

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# **Color**

**Decimal(12834287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D5EF
RGB	195, 213, 239
RGB Percent	76%, 84%, 94%
CMY	0.2353, 0.1647, 0.0627
CMYK	0.18, 0.11, 0.00, 0.06
HSL	215°, 58%, 85%
HSV	215°, 18%, 94%
XYZ	61.8799, 65.4226, 91.0278
YIQ	210.5820, -19.0740, 4.2700

# Conversions

## Conversions Part 2

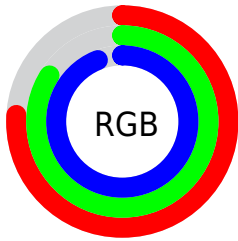
Format	Color
R <sub>Y</sub> B	195, 208, 239
Decimal	12834287
CIE Lab	84.70, -0.70, -14.79
CIE LCh	85, 14.803, 267.272
Yxy	65.4226, 0.2834, 0.2996
Android (android.graphics.Color)	4291024367 (0xFFC3D5EF)
YUV	210.5820, 14.0101, -13.6654
Hunter-Lab	80.8842, -4.9872, -10.1065

# Details

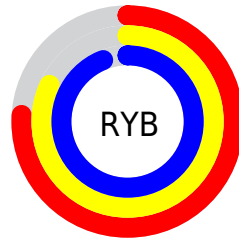
The Decimal color **12834287** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15719875**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16580607**, and **9281207** is the 20% darker color. If you saturate the color by 10%, you get **11257839**, and if you desaturate by 10%, it is **14410735**.

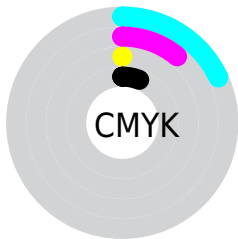
# Distribution



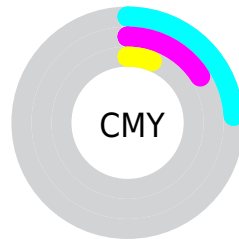
- Red (76%)
- Green (84%)
- Blue (94%)



- Red (76%)
- Yellow (82%)
- Blue (94%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (16%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12834287 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 12834287 by changing the saturation by 10% instead.



■ 12834287

16777215

■ 16580607

■ 12834287

■ 11057619

■ 9281207

■ 7570588

■ 5925762

■ 4346729

■ 2767953

■ 1254970

■ 4644

■ 269

■ 12834287

■ 12834287

■ 11257839

■ 14410735

■ 9681391

■ 15987183

■ 8104943

■ 16777199

■ 6528495

■ 4951791

■ 3440879

■ 1864431

■ 287983

■ 25327

# Harmonies

## Analogous

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



11917802



12834287



14012652

# Triad

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



12834287



15846343



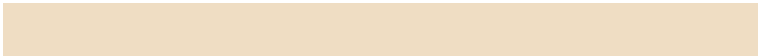
12704452

# Complementary

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



12834287



15719875

# 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.



13751995



12834287



15519420

# Square

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



12834287



15715029



14734008



11918546

# Rectangle

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



12834287



14732774



14734008



13031872

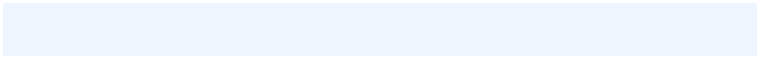


# Sweetspot

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



12834287



15791871



12840925



7830144



0



8421504



# Same Dimension

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



12834287



13098751



13091823



7106936



19384



5944



# Inverse Universe

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



15713237



16762846



15462339



7892081



12058699

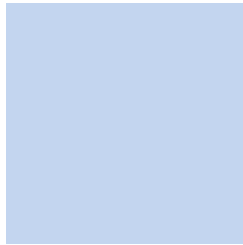


3670039



# Previews

## White Background



This preview shows how the Decimal color 12834287 looks on a white background.

## Color Contrast Check

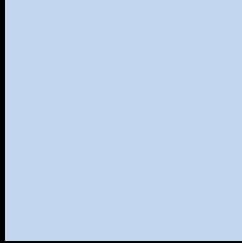
Large Text (above 18pt) WCAG AA × Fail

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 12834287 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

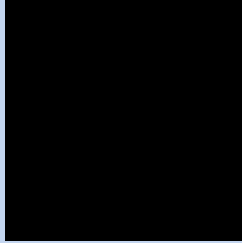
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

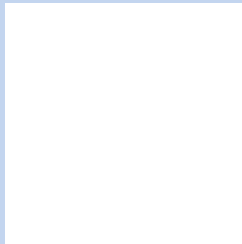
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12834287 Background



This preview shows how black text looks on a background with the Decimal color 12834287.

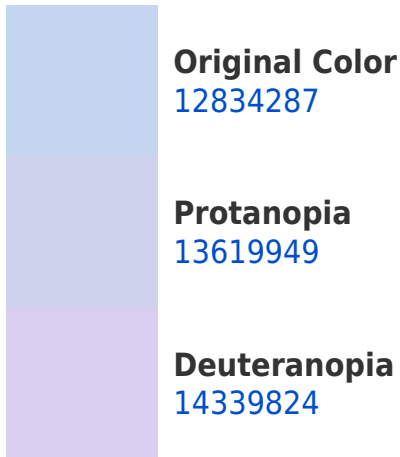


This preview shows how white text looks on a background with the Decimal color 12834287.

# 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**  
12768999

# Trichromacy



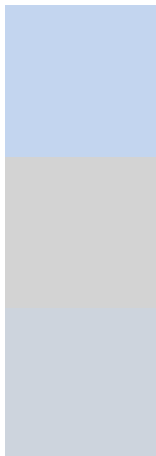
**Original Color**  
12834287

**Protanomaly**  
13358062

**Deuteranomaly**  
13816304

**Tritanomaly**  
12769002

# Monochromacy



**Original Color**  
12834287

**Achromatopsia**  
13882323

**Achromatomaly**  
13489373

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12834287 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 #C3D5EF looks like.

```
.text, #text, p{  
    color:#C3D5EF  
}
```

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 #C3D5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D5EF
}
```

## Border

The CSS property to change the border of an element to Decimal 12834287 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
#C3D5EF }
```

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

```
.border{ border-color:#C3D5EF }
```

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

Here you see how a box with a 4 pixel #C3D5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D5EF; -webkit-box-shadow:4px 4px  
4px 4px #C3D5EF; box-shadow:4px 4px 4px  
4px #C3D5EF }
```

# Background

The CSS property to change the background color of an element to Decimal 12834287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D5EF }
```

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

```
.background{ background-color:#C3D5EF }
```

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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