

# Converting Colors

Decimal(13885680)

Have a look what the booklet for  
Decimal(13885680) contains.

<b>Decimal(13885680)</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(13885680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3E0F0
RGB	211, 224, 240
RGB Percent	83%, 88%, 94%
CMY	0.1725, 0.1216, 0.0588
CMYK	0.12, 0.07, 0.00, 0.06
HSL	213°, 49%, 88%
HSV	213°, 12%, 94%
XYZ	69.2478, 73.4515, 92.9659
YIQ	221.9370, -12.8840, 2.2200

# Conversions

## Conversions Part 2

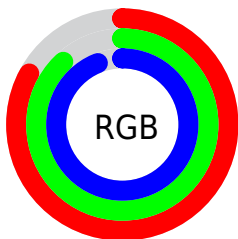
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 220, 240
Decimal	13885680
CIE Lab	88.66, -1.22, -9.28
CIE LCh	89, 9.364, 262.504
Yxy	73.4515, 0.2938, 0.3117
Android (android.graphics.Color)	4292075760 (0xFFD3E0F0)
YUV	221.9370, 8.9051, -9.5917
Hunter-Lab	85.7038, -5.7556, -4.3212

# Details

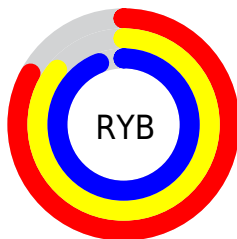
The Decimal color **13885680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15786963**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777215**, and **10267064** is the 20% darker color. If you saturate the color by 10%, you get **12309488**, and if you desaturate by 10%, it is **15461872**.

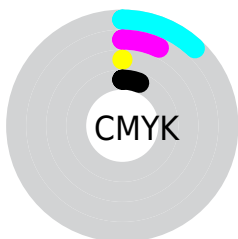
# Distribution



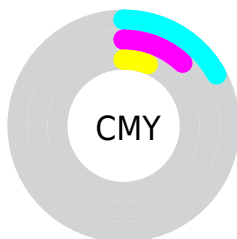
- Red (83%)
- Green (88%)
- Blue (94%)



- Red (83%)
- Yellow (86%)
- Blue (94%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (12%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13885680 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 13885680 by changing the saturation by 10% instead.



■ 13885680

16777215

■ 13885680

■ 12043476

■ 10267064

■ 8556189

■ 6911363

■ 5266538

■ 3753298

■ 2305851

■ 924197

■ 272

■ 13885680

■ 13885680

■ 12309488

■ 15461872

■ 10733296

■ 16775920

■ 9156848

■ 16777200

■ 7580656

■ 6004464

■ 4428272

■ 2851824

■ 1275632

■ 27888

# Harmonies

## Analogous

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



13361900



13885680



14605807

# Triad

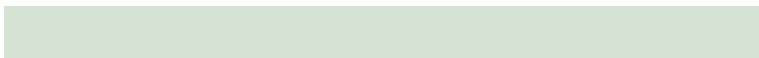
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13885680



15915480



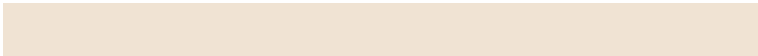
13951956

# Complementary

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



13885680



15786963

# 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.



14672078



13885680



15784657

# Square

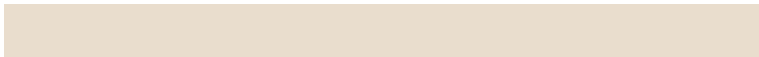
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13885680



15784417



15326669



13427932

# Rectangle

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



13885680



15064044



15326669



14213841

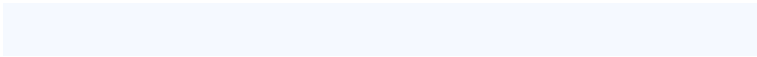


# Sweetspot

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



13885680



16120319



13889763



7961728



0



8421504

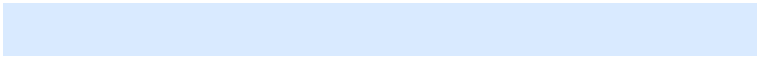


# Same Dimension

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



13885680



14281471



13947888



7106936



21176



6456



# Inverse Universe

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



15782880



16767466



15724755



7892081



12058706

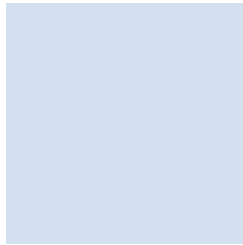


3670041



# Previews

## White Background



This preview shows how the Decimal color 13885680 looks on a white background.

## Color Contrast Check

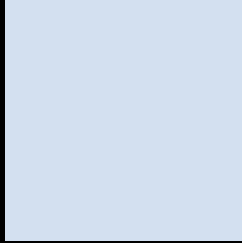
Large Text (above 18pt) WCAG AA × Fail

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 13885680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

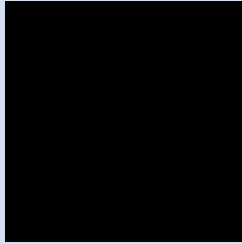
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

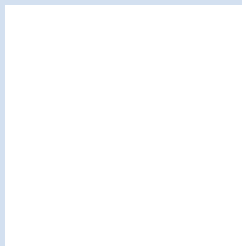
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13885680 Background



This preview shows how black text looks on a background with the Decimal color 13885680.



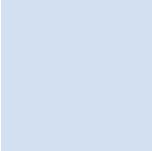
This preview shows how white text looks on a background with the Decimal color 13885680.

# 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](#).

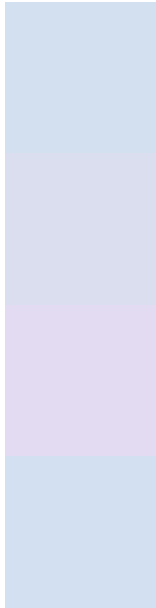
## Dichromacy





**Tritanopia**  
13885682

# Trichromacy



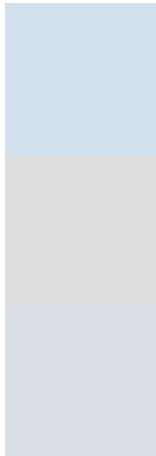
**Original Color**  
13885680

**Protanomaly**  
14343919

**Deuteranomaly**  
14867441

**Tritanomaly**  
13885681

# Monochromacy



**Original Color**  
13885680

**Achromatopsia**  
14606046

**Achromatomaly**  
14344165

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13885680 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 #D3E0F0 looks like.

```
.text, #text, p{  
    color:#D3E0F0  
}
```

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 #D3E0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E0F0
}
```

## Border

The CSS property to change the border of an element to Decimal 13885680 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
#D3E0F0 }
```

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

```
.border{ border-color:#D3E0F0 }
```

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

Here you see how a box with a 4 pixel #D3E0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E0F0; -webkit-box-shadow:4px 4px  
4px 4px #D3E0F0; box-shadow:4px 4px 4px  
4px #D3E0F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13885680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E0F0 }
```

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

```
.background{ background-color:#D3E0F0 }
```

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