

# Converting Colors

Hex(CCEEF8)

Have a look what the booklet for  
Hex(CCEE8) contains.

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# **Color**

**Hex(CCEEF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCEE8
RGB	204, 238, 248
RGB Percent	80%, 93%, 97%
CMY	0.2000, 0.0667, 0.0275
CMYK	0.18, 0.04, 0.00, 0.03
HSL	194°, 76%, 89%
HSV	194°, 18%, 97%
XYZ	72.4197, 80.7638, 100.5790
YIQ	228.9740, -23.4740, -4.0980

# Conversions

## Conversions Part 2

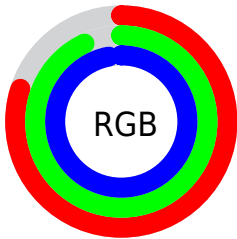
Format	Color
<a href="#">RYB</a>	204, 223, 248
Decimal	13430520
CIELab	92.03, -8.95, -8.53
CIElCh	92, 12.365, 223.604
Yxy	80.7638, 0.2854, 0.3183
Android (android.graphics.Color)	4291620600 (0xFFCCEEF8)
YUV	228.9740, 9.3798, -21.9022
Hunter-Lab	89.8687, -13.4279, -3.4480

# Details

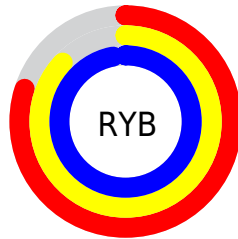
The Hex color **CCEEF8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8D6CC**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **95B6C0** is the 20% darker color. If you saturate the color by 10%, you get **B3E8F8**, and if you desaturate by 10%, it is **E5F4F8**.

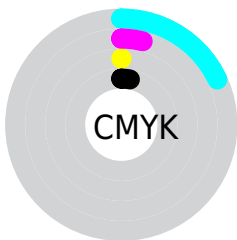
# Distribution



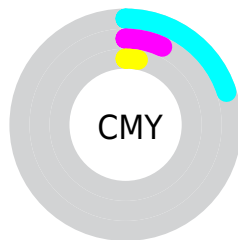
- Red (80%)
- Green (93%)
- Blue (97%)



- Red (80%)
- Yellow (87%)
- Blue (97%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (7%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCEEF8 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 Hex color CCEEF8 by changing the saturation by 10% instead.



 CCEE8F8

FFFFFFF

 CCEE8F8

 B0D2DB

 95B6C0

 7B9BA5

 61818A

 496871

 315058

 193941

 01232B

 000E17

 CCEE8F8

 CCEE8F8

 B3E8F8

 E5F4F8

 9AE3F8

 FEF9F8

 82DDF8

 FFFF8

 69D7F8

 50D2F8

 37CCF8

 1EC7F8

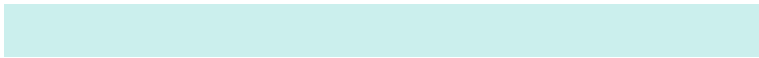
 06C1F8

 00C0F8

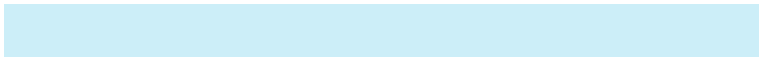
# Harmonies

## Analogous

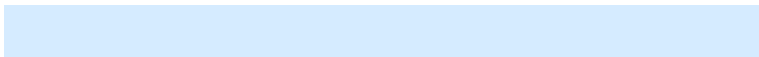
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CBEFED



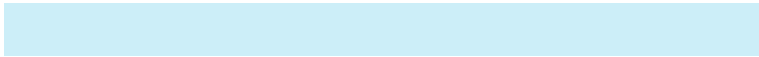
CCEEF8



D5EBFF

# Triad

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



CCEE88



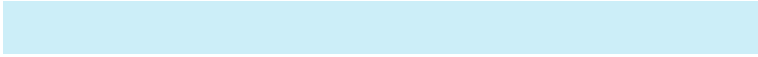
FCE1E8



ECE9D1

# Complementary

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



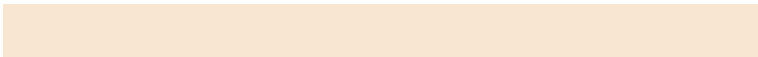
CCEEF8



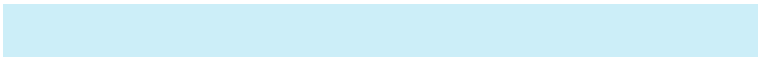
F8D6CC

# 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.



F8E5D2



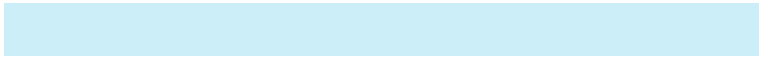
CCEEF8



FFE0E3

# Square

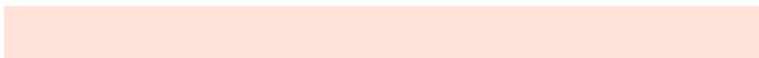
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



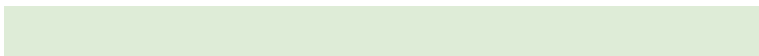
CCEEF8



F1E3F9



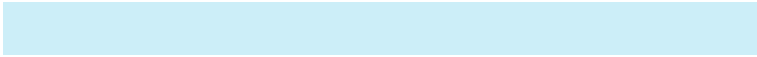
FFE2D8



DEECD7

# Rectangle

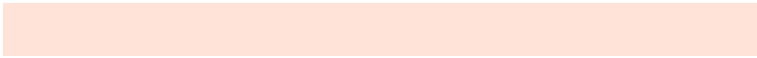
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCEE8F8



DEE9FF



FFE2D8

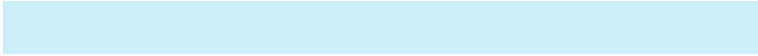


F1E8D1

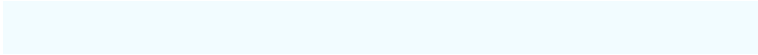


# Sweetspot

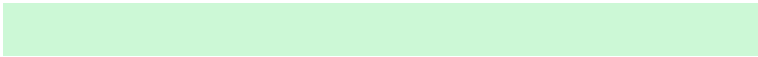
The Sweet Spot groups the original color and five complimentary colors.



CCEEF8



F2FCFF



CCF8D6



787E80



000000

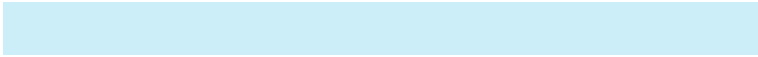


808080

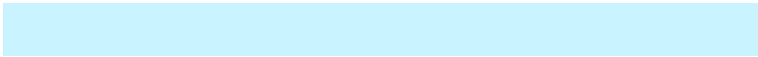


# Same Dimension

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



CCEE8F8



C9F3FF



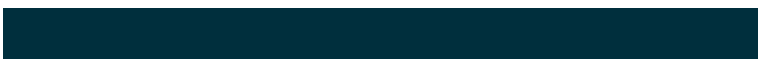
CCD8F8



707A7D



0092BD



002F3D



# Inverse Universe

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



F8CCEE



FFC9F3



F8ECCC



7D707A



BD0092

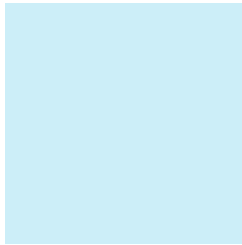


3D002F



# Previews

## White Background



This preview shows how the Hex color CCEE88 looks on a white background.

## Color Contrast Check

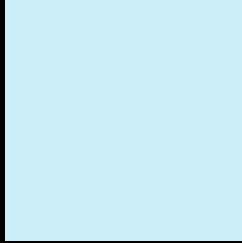
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CCEEF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

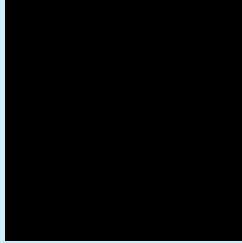
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCEEF8 Background



This preview shows how black text looks on a background with the Hex color CCEEF8.

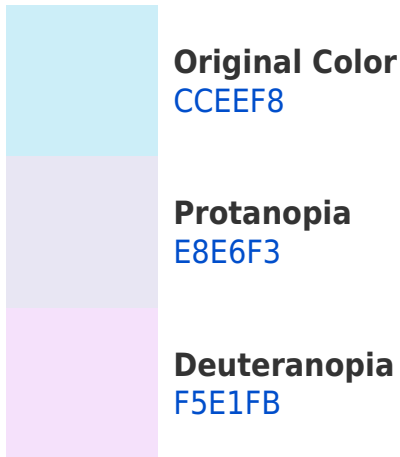


This preview shows how white text looks on a background with the Hex color CCEEF8.

# Color Blindness Simulation

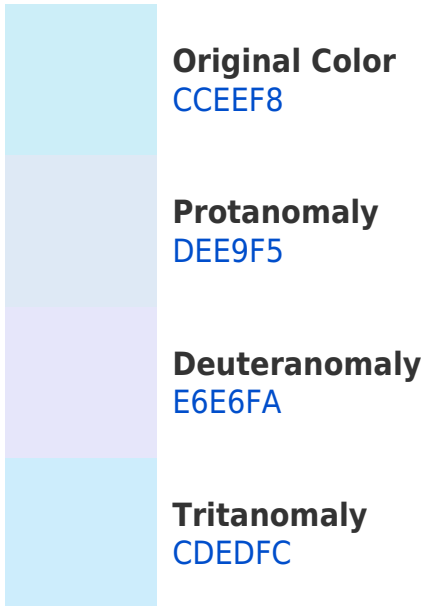
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

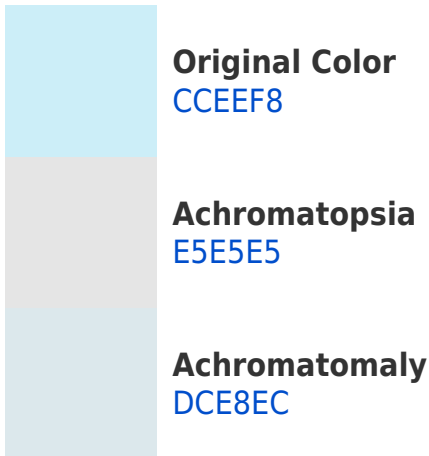




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCEEF8 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 #CCEEF8 looks like.

```
.text, #text, p{  
    color:#CCEEF8  
}
```

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 #CCEEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEEF8  
}
```

## Border

The CSS property to change the border of an element to Hex CCEEF8 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  
#CCEEF8 }
```

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

```
.border{ border-color:#CCEEF8 }
```

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

Here you see how a box with a 4 pixel #CCEEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEEF8; -webkit-box-shadow:4px 4px  
4px 4px #CCEEF8; box-shadow:4px 4px 4px  
4px #CCEEF8 }
```

# Background

The CSS property to change the background color of an element to Hex CCEE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEE8 }
```

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

```
.background{ background-color:#CCEE8 }
```

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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