

Converting Colors

RGB(130, 246, 238)

Have a look what the booklet for
RGB(130, 246, 238) contains.

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Color

RGB(130, 246, 238)

Conversions

Conversions Part 1

Format	Color
Hex	82F6EE
RGB	130, 246, 238
RGB Percent	51%, 96%, 93%
CMY	0.4902, 0.0353, 0.0667
CMYK	0.47, 0.00, 0.03, 0.04
HSL	176°, 87%, 74%
HSV	176°, 47%, 96%
XYZ	57.5943, 76.8304, 92.6831
YIQ	210.4040, -66.5680, -27.0800

Conversions

Conversions Part 2

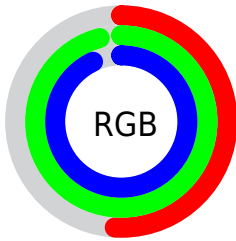
Format	Color
RYB	130, 190, 246
Decimal	8582894
CIELab	90.24, -34.84, -6.37
CIElCh	90, 35.416, 190.355
Yxy	76.8304, 0.2536, 0.3383
Android (android.graphics.Color)	4286772974 (0xFF82F6EE)
YUV	210.4040, 13.6048, -70.5143
Hunter-Lab	87.6530, -36.1053, -1.3354

Details

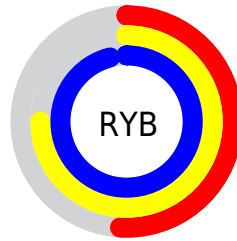
The RGB color **130, 246, 238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **246, 130, 138**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **189, 255, 255**, and **68, 189, 182** is the 20% darker color. If you saturate the color by 10%, you get **105, 246, 236**, and if you desaturate by 10%, it is **155, 246, 240**.

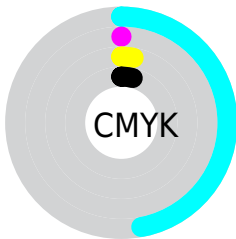
Distribution



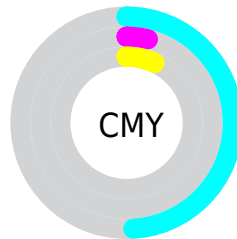
- Red (51%)
- Green (96%)
- Blue (93%)



- Red (51%)
- Yellow (75%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 246, 238 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 RGB color 130, 246, 238 by changing the saturation by 10% instead.

 130, 246, 238

255, 255, 255


 189, 255, 255


 219, 255, 255

 249, 255, 255

 130, 246, 238


 100, 217, 210

 68, 189, 182


 27, 162, 155

 0, 135, 129

 0, 109, 104

 0, 84, 80

 0, 60, 57

 0, 39, 36

 0, 2, 15

■ 130, 246, 238

■ 130, 246, 238

■ 105, 246, 236

■ 155, 246, 240

■ 81, 246, 235

■ 179, 246, 241

■ 56, 246, 233

■ 204, 246, 243

■ 32, 246, 231

■ 228, 246, 245

■ 7, 246, 230

■ 253, 246, 246

■ 0, 246, 229

■ 255, 246, 248

■ 255, 246, 250

■ 255, 246, 252

■ 255, 246, 253

Harmonies

Analogous

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



163, 244, 203



130, 246, 238



123, 244, 255

Triad

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



130, 246, 238



247, 214, 255



255, 217, 164

Complementary

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



130, 246, 238



246, 130, 138

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.



255, 207, 185



130, 246, 238



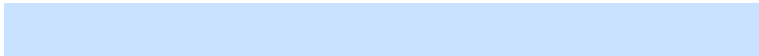
255, 205, 251

Square

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



130, 246, 238



201, 226, 255



255, 202, 216



239, 229, 160

Rectangle

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



130, 246, 238



139, 239, 255



255, 202, 216



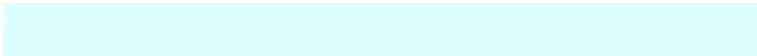
255, 214, 169

Sweetspot

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



130, 246, 238



219, 255, 253



140, 246, 130



106, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



130, 246, 238



110, 255, 245



130, 198, 246



110, 122, 122



0, 186, 173



0, 59, 55

Inverse Universe

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



246, 130, 138



255, 110, 120



246, 178, 130



122, 110, 111



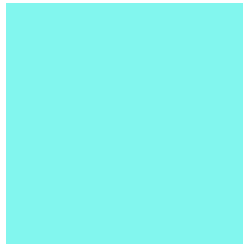
186, 0, 13



59, 0, 4

Previews

White Background



This preview shows how the RGB color 130, 246, 238 looks on a white background.

Color Contrast Check

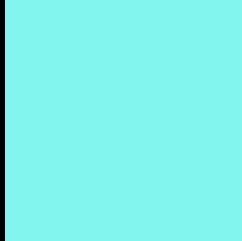
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 130, 246, 238 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](#).

RGB 130, 246, 238 Background



This preview shows how black text looks on a background with the RGB color 130, 246, 238.

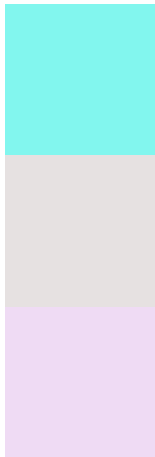


This preview shows how white text looks on a background with the RGB color 130, 246, 238.

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
130, 246, 238

Protanopia
230, 225, 225

Deuteranopia
239, 219, 244



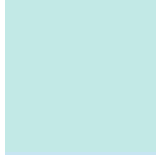
Tritanopia
161, 239, 255

Trichromacy



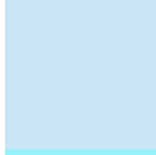
Original Color

130, 246, 238



Protanomaly

194, 233, 230



Deuteranomaly

199, 229, 242



Tritanomaly

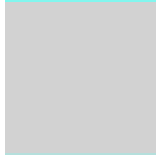
150, 242, 249

Monochromacy



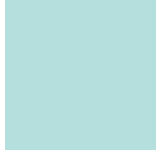
Original Color

130, 246, 238



Achromatopsia

210, 210, 210



Achromatomaly

181, 223, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 246, 238 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 `rgb(130, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(130, 246, 238)  
}
```

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 rgb(130, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 246, 238) }
```

Border

The CSS property to change the border of an element to RGB 130, 246, 238 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 rgb(130, 246, 238) }
```

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

```
.border{ border-color:rgb(130, 246, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 246, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(130, 246,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 130, 246, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 246, 238) }
```

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

```
.background{ background-color: rgb(130,  
246, 238) }
```

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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