

Converting Colors

RGB(146, 234, 250)

Have a look what the booklet for
RGB(146, 234, 250) contains.

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Color

RGB(146, 234, 250)

Conversions

Conversions Part 1

Format	Color
Hex	92EAFA
RGB	146, 234, 250
RGB Percent	57%, 92%, 98%
CMY	0.4275, 0.0824, 0.0196
CMYK	0.42, 0.06, 0.00, 0.02
HSL	189°, 91%, 78%
HSV	189°, 42%, 98%
XYZ	58.5322, 71.8588, 101.2276
YIQ	209.5120, -57.5840, -13.6800

Conversions

Conversions Part 2

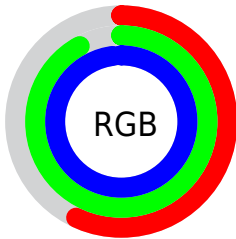
Format	Color
R _Y B	146, 194, 250
Decimal	9628410
CIE Lab	87.90, -22.46, -16.06
CIE LCh	88, 27.607, 215.571
Yxy	71.8588, 0.2527, 0.3102
Android (android.graphics.Color)	4287818490 (0xFF92EAFA)
YUV	209.5120, 19.9606, -55.7000
Hunter-Lab	84.7695, -25.0949, -11.4625

Details

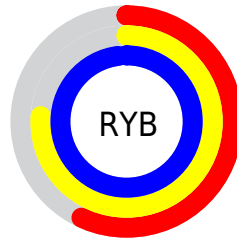
The RGB color **146, 234, 250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **250, 162, 146**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **204, 255, 255**, and **88, 178, 194** is the 20% darker color. If you saturate the color by 10%, you get **121, 230, 250**, and if you desaturate by 10%, it is **171, 238, 250**.

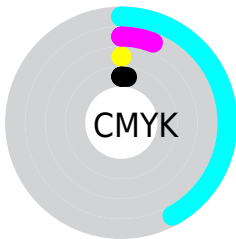
Distribution



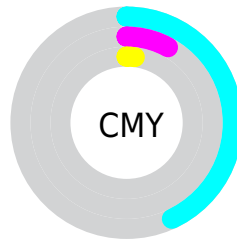
- Red (57%)
- Green (92%)
- Blue (98%)



- Red (57%)
- Yellow (76%)
- Blue (98%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 234, 250 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 146, 234, 250 by changing the saturation by 10% instead.


 146, 234, 250

 146, 234, 250


255, 255, 255


 117, 206, 221

 204, 255, 255

 88, 178, 194

 234, 255, 255


 58, 151, 166

 17, 125, 140

 0, 100, 114

 0, 76, 90

 0, 53, 66


 0, 32, 44

 0, 1, 24

 146, 234, 250

 146, 234, 250

 121, 230, 250

 171, 238, 250

 96, 226, 250

 196, 242, 250

 71, 222, 250

 221, 246, 250

 46, 219, 250

 246, 249, 250

 21, 215, 250

 255, 253, 250

 0, 212, 250

 255, 255, 250

Harmonies

Analogous

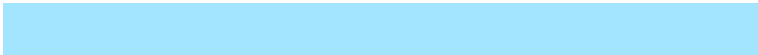
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153, 235, 225



146, 234, 250



163, 229, 255

Triad

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



146, 234, 250



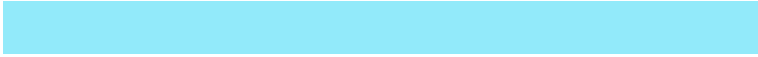
255, 205, 243



235, 220, 168

Complementary

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



146, 234, 250



250, 162, 146

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, 212, 173



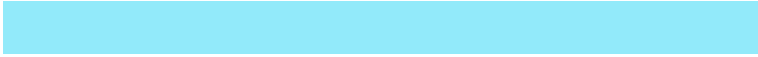
146, 234, 250



255, 202, 216

Square

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



146, 234, 250



231, 212, 255



255, 204, 191



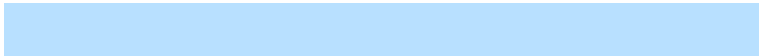
206, 228, 177

Rectangle

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



146, 234, 250



184, 224, 255



255, 204, 191



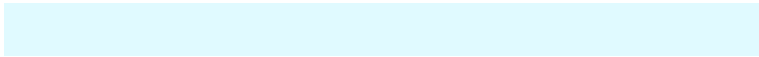
244, 217, 168

Sweetspot

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



146, 234, 250



224, 250, 255



146, 250, 162



110, 125, 128



0, 0, 0



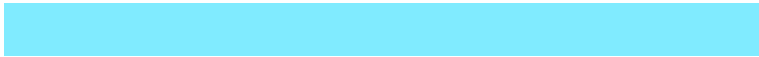
128, 128, 128

Same Dimension

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



146, 234, 250



128, 235, 255



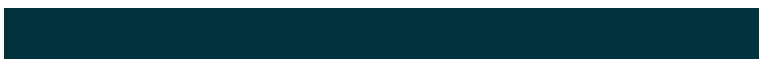
146, 182, 250



112, 123, 125



0, 160, 189



0, 52, 61

Inverse Universe

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



250, 146, 234



255, 128, 235



250, 214, 146



125, 112, 123



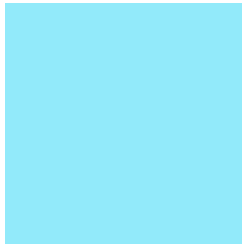
189, 0, 160



61, 0, 52

Previews

White Background



This preview shows how the RGB color 146, 234, 250 looks on a white background.

Color Contrast Check

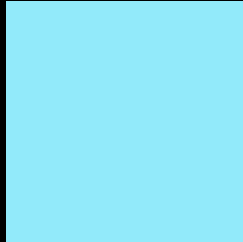
Large Text (above 18pt) WCAG AA × Fail

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 146, 234, 250 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 146, 234, 250 Background



This preview shows how black text looks on a background with the RGB color 146, 234, 250.



This preview shows how white text looks on a background with the RGB color 146, 234, 250.

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





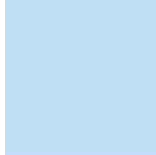
Tritanopia
147, 234, 252

Trichromacy



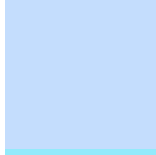
Original Color

146, 234, 250



Protanomaly

191, 224, 244



Deuteranomaly

196, 221, 253



Tritanomaly

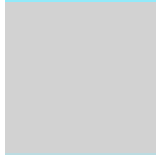
147, 234, 251

Monochromacy



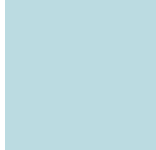
Original Color

146, 234, 250



Achromatopsia

210, 210, 210



Achromatomaly

187, 219, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 234, 250 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(146, 234, 250)` looks like.

```
.text, #text, p{  
    color:rgb(146, 234, 250)  
}
```

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(146, 234, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 234, 250) }
```

Border

The CSS property to change the border of an element to RGB 146, 234, 250 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(146, 234, 250) }
```

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

```
.border{ border-color:rgb(146, 234, 250) }
```

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

Here you see how a box with a 4 pixel rgb(146, 234, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 234, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 234, 250);  
box-shadow:4px 4px 4px 4px rgb(146, 234,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 146, 234, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 234, 250) }
```

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

```
.background{ background-color: rgb(146,  
234, 250) }
```

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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