

Converting Colors

`RYB(146, 197, 248)`

Have a look what the booklet for
RYB(146, 197, 248) contains.

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Color

R_YB(146, 197, 248)

Conversions

Conversions Part 1

Format	Color
Hex	92F8F8
RGB	146, 248, 248
RGB Percent	57%, 97%, 97%
CMY	0.4275, 0.0275, 0.0275
CMYK	0.41, 0.00, 0.00, 0.03
HSL	180°, 88%, 77%
HSV	180°, 41%, 97%
XYZ	62.3647, 80.0231, 100.9660
YIQ	217.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

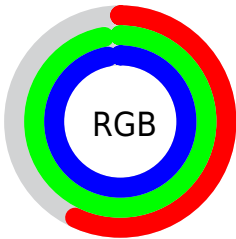
Format	Color
RYB	146, 197, 248
Decimal	9631992
CIELab	91.70, -29.72, -9.35
CIElCh	92, 31.159, 197.460
Yxy	80.0231, 0.2563, 0.3288
Android (android.graphics.Color)	4287822072 (0xFF92F8F8)
YUV	217.5020, 15.0355, -62.7073
Hunter-Lab	89.4556, -32.1046, -4.3000

Details

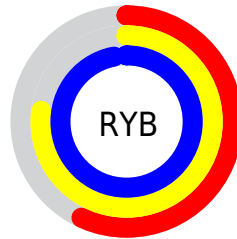
The RYB color **146, 197, 248** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **248, 146, 146**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **205, 230, 255**, and **87, 139, 192** is the 20% darker color. If you saturate the color by 10%, you get **121, 185, 248**, and if you desaturate by 10%, it is **171, 210, 248**.

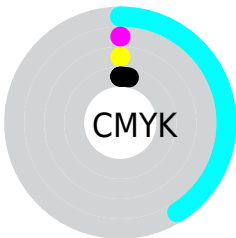
Distribution



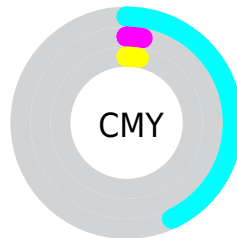
- Red (57%)
- Green (97%)
- Blue (97%)



- Red (57%)
- Yellow (77%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 197, 248 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 RYB color 146, 197, 248 by changing the saturation by 10% instead.


 146, 197, 248


255, 255, 255


 205, 230, 255

 234, 245, 255

 146, 197, 248

 117, 168, 219

 87, 139, 192

 55, 110, 165

 7, 72, 138

 0, 56, 113

 0, 44, 88


 0, 32, 65

 0, 21, 43


 0, 8, 23

 146, 197, 248


 146, 197, 248

 121, 185, 248


 171, 210, 248

 96, 172, 248


 196, 222, 248

 72, 160, 248

 220, 234, 248

 47, 148, 248

 245, 247, 248

 22, 135, 248

 255, 248, 248

 0, 124, 248

Harmonies

Analogous

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



168, 217, 247



146, 197, 248



148, 199, 255

Triad

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



146, 197, 248



255, 218, 255



220, 255, 173

Complementary

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



146, 197, 248



248, 146, 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, 236, 188



146, 197, 248



255, 211, 245

Square

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



146, 197, 248



219, 226, 255



255, 210, 215



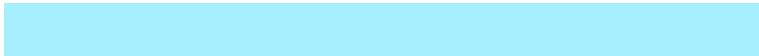
174, 235, 174

Rectangle

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



146, 197, 248



166, 206, 255



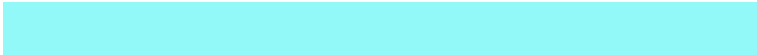
255, 210, 215



234, 255, 177

Sweetspot

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



146, 197, 248



224, 240, 255



146, 248, 248



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

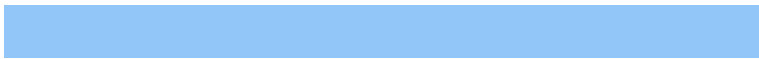
The Same Dimension uses a secret algorithm to generate beautiful new colors.



146, 197, 248



130, 193, 255



146, 180, 248



112, 119, 125



0, 95, 189



0, 31, 61

Inverse Universe

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



248, 146, 248



255, 130, 255



248, 248, 146



125, 112, 125



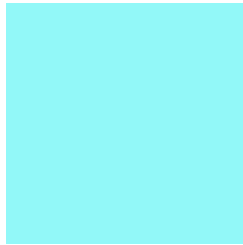
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 146, 197, 248 looks on a white background.

Color Contrast Check

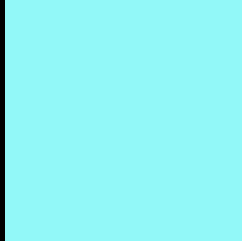
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 146, 197, 248 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](#).

RYB 146, 197, 248 Background



This preview shows how black text looks on a background with the RYB color 146, 197, 248.



This preview shows how white text looks on a background with the RYB color 146, 197, 248.

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





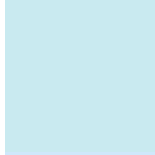
Tritanopia
180, 214, 255

Trichromacy



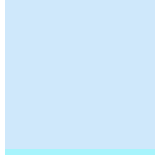
Original Color

146, 197, 248



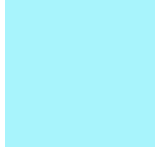
Protanomaly

201, 219, 240



Deuteranomaly

207, 223, 251



Tritanomaly

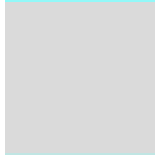
168, 208, 252

Monochromacy



Original Color

146, 197, 248



Achromatopsia

218, 218, 218



Achromatomaly

192, 211, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 197, 248 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, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(146, 248, 248)  
}
```

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, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 248, 248) }
```

Border

The CSS property to change the border of an element to RYB 146, 197, 248 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, 248, 248) }
```

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

```
.border{ border-color:rgb(146, 248, 248) }
```

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

Here you see how a box with a 4 pixel rgb(146, 248, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(146, 248,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 146, 197, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 248, 248) }
```

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

```
.background{ background-color: rgb(146,  
248, 248) }
```

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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