Converting Colors

RYB(146, 239, 218)

Have a look what the booklet for RYB(146, 239, 218) contains.

Color

RYB(146, 239, 218)

Conversions

Conversions Part 1

Format	Color
Hex	A7EF92
RGB	167, 239, 146
RGB Percent	65%, 94%, 57%
CMY	0.3451, 0.0627, 0.4275
CMYK	0.30, 0.00, 0.39, 0.06
HSL	106°, 74%, 75%
HSV	106°, 39%, 94%
XYZ	51.9912, 72.0238, 38.3559
YIQ	206.8700, -13.0590, -44.1870

Conversions

Conversions Part 2

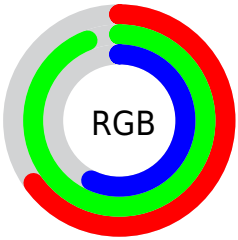
Format	Color
RYB	146, 239, 218
Decimal	11005842
CIELab	87.98, -39.27, 38.03
CIELCh	88, 54.667, 135.925
Yxy	72.0238, 0.3202, 0.4436
Android (android.graphics.Color)	4289195922 (0xFFA7EF92)
YUV	206.8700, -30.0089, -34.9660
Hunter-Lab	84.8668, -39.1642, 32.6105

Details

The RYB color 146, 239, 218 is a light color, and the websafe version is hex CCFF99. A complement of this color would be 218, 146, 239, and the grayscale version is 207, 207, 207.

A 20% lighter version of the original color is 201, 255, 232, and 94, 183, 165 is the 20% darker color. If you saturate the color by 10%, you get 122, 239, 213, and if you desaturate by 10%, it is 170, 239, 223.

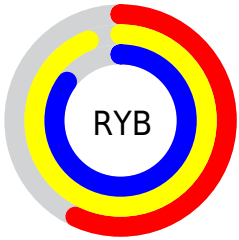
Distribution



Red (65%)

Green (94%)

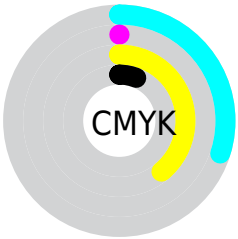
Blue (57%)



Red (57%)

Yellow (94%)

Blue (85%)

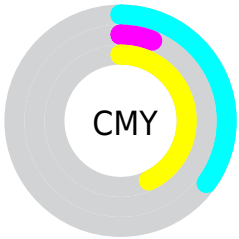


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 239, 218 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, 239, 218 by changing the saturation by 10% instead.

146, 239, 218

255, 255, 255

201, 255, 232

229, 255, 231

146, 239, 218

120, 210, 191

94, 183, 165

69, 155, 139

44, 129, 115

19, 103, 93

0, 79, 79

0, 55, 55

0, 35, 35

0, 0, 0

146, 239, 218

122, 239, 213

98, 239, 207

74, 239, 202

50, 239, 196

27, 239, 192

3, 239, 186

0, 239, 185

146, 239, 218

170, 239, 223

194, 239, 229

218, 239, 234

241, 239, 242

255, 239, 255

Harmonies

Analogous

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

118, 226, 118

146, 239, 218

90, 184, 246

Triad

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

146, 239, 218

74, 159, 255

255, 179, 195

Complementary

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

146, 239, 218

218, 146, 239

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, 181, 247

146, 239, 218

187, 207, 255

Square

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

146, 239, 218

0, 125, 255

255, 197, 255

255, 220, 148

Rectangle

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

146, 239, 218

0, 129, 248

255, 197, 255

255, 178, 212

Sweetspot

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

146, 239, 218

224, 255, 248

175, 239, 146

110, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

146, 239, 218

135, 255, 228

146, 219, 239

108, 120, 117

0, 184, 143

0, 56, 43

Inverse Universe

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

218, 146, 239

228, 135, 255

239, 146, 214

117, 108, 120

142, 0, 184

43, 0, 56

Previews

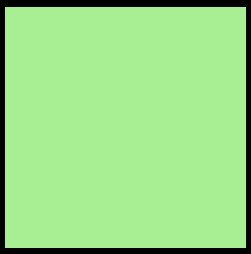
White Background

This preview shows how the RYB color 146, 239, 218 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



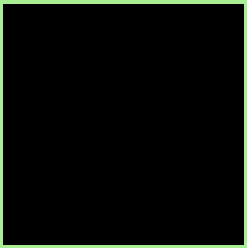
This preview shows how the RYB color 146, 239, 218 looks on a black background.

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, 239, 218 Background



This preview shows how black text looks on a background with the RYB color 146, 239, 218.

This preview shows how white text looks on a background with the RYB color 146, 239, 218.

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
146, 239, 218

Protanopia
161, 239, 138

Deuteranopia
251, 255, 167

Tritanopia
184, 209, 245

Trichromacy

Original Color
146, 239, 218

Protanomaly
141, 227, 155

Deuteranomaly
160, 223, 159

Tritanomaly
178, 211, 231

Monochromacy

Original Color
146, 239, 218

Achromatopsia
207, 207, 207

Achromatomaly
185, 219, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 239, 218 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(167, 239, 146) looks like.

```
.text, #text, p{
    color:rgb(167, 239, 146)
}
```

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(167, 239, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 239, 146) }
```

Border

The CSS property to change the border of an element to RYB 146, 239, 218 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(167, 239, 146) }
```

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

```
.border{ border-color:rgb(167, 239, 146) }
```

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

Here you see how a box with a 4 pixel rgb(167, 239, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 239, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 239, 146); box-shadow:4px 4px 4px 4px rgb(167, 239, 146) }
```

Background

The CSS property to change the background color of an element to RYB 146, 239, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 239, 146) }
```

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

```
.background{ background-color:rgb(167,
239, 146) }
```

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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