

Converting Colors

`RYB(146, 168, 247)`

Have a look what the booklet for
RYB(146, 168, 247) contains.

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Color

R_YB(146, 168, 247)

Conversions

Conversions Part 1

Format	Color
Hex	92AEF7
RGB	146, 174, 247
RGB Percent	57%, 68%, 97%
CMY	0.4275, 0.3172, 0.0314
CMYK	0.41, 0.30, 0.00, 0.03
HSL	223°, 86%, 77%
HSV	223°, 41%, 97%
XYZ	43.8031, 43.1474, 94.0153
YIQ	173.9500, -40.1210, 16.7670

Conversions

Conversions Part 2

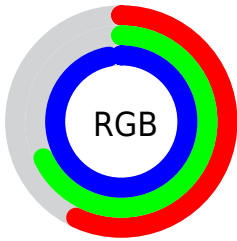
Format	Color
R _Y B	146, 168, 247
Decimal	9613047
CIE Lab	71.65, 8.39, -39.32
CIE LCh	72, 40.204, 282.044
Yxy	43.1474, 0.2421, 0.2384
Android (android.graphics.Color)	4287803127 (0xFF92AEF7)
YUV	173.9500, 36.0137, -24.5121
Hunter-Lab	65.6867, 4.0807, -38.8792

Details

The RYB color **146, 168, 247** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **185, 247, 146**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **203, 220, 255**, and **90, 114, 190** is the 20% darker color. If you saturate the color by 10%, you get **121, 148, 247**, and if you desaturate by 10%, it is **171, 187, 247**.

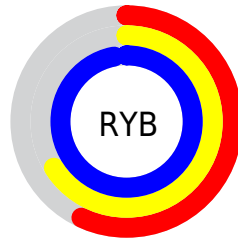
Distribution



Red (57%)

Green (68%)

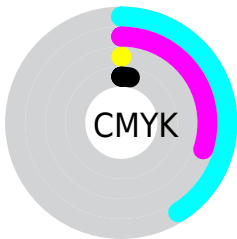
Blue (97%)



Red (57%)

Yellow (66%)

Blue (97%)

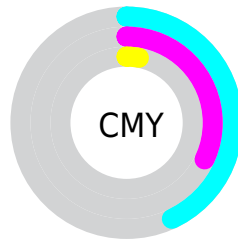


Cyan (41%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (43%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 168, 247 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, 168, 247 by changing the saturation by 10% instead.

 146, 168, 247


255, 255, 255

 203, 220, 255

 232, 244, 255

 146, 168, 247

 118, 141, 218

 90, 114, 190

 62, 88, 163

 29, 61, 136

 0, 35, 111

 0, 23, 86


 0, 5, 62


 0, 3, 40


 0, 1, 17

 146, 168, 247


 146, 168, 247

 121, 148, 247

 171, 187, 247

 97, 129, 247

 195, 207, 247

 72, 110, 247

 220, 226, 247

 47, 91, 247

 245, 245, 247

 23, 72, 247

 247, 255, 247

 0, 54, 247

Harmonies

Analogous

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



79, 144, 245



146, 168, 247



199, 161, 230

Triad

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



146, 168, 247



241, 162, 128



97, 158, 193

Complementary

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



146, 168, 247



185, 247, 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.



120, 188, 164



146, 168, 247



203, 218, 106

Square

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



146, 168, 247



247, 147, 162



111, 185, 103



35, 116, 195

Rectangle

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



146, 168, 247



224, 153, 211



111, 185, 103



114, 173, 192

Sweetspot

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



146, 168, 247



224, 231, 255



146, 205, 247



110, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



146, 168, 247



130, 157, 255



168, 146, 247



110, 113, 122



0, 41, 186



0, 13, 59

Inverse Universe

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



247, 146, 174



255, 130, 165



146, 247, 168



122, 110, 114



186, 0, 52



59, 0, 16

Previews

White Background



This preview shows how the RYB color 146, 168, 247 looks on a white background.

Color Contrast Check

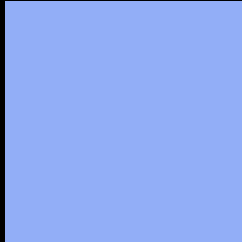
Large Text (above 18pt) WCAG AA × Fail

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, 168, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

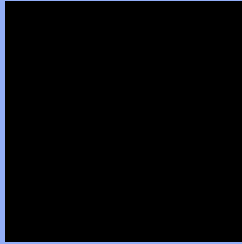
Any Text WCAG AA ✓ Pass

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, 168, 247 Background



This preview shows how black text looks on a background with the RYB color 146, 168, 247.



This preview shows how white text looks on a background with the RYB color 146, 168, 247.

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

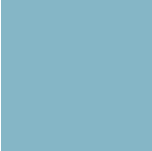
146, 168, 247

Protanopia

153, 169, 246

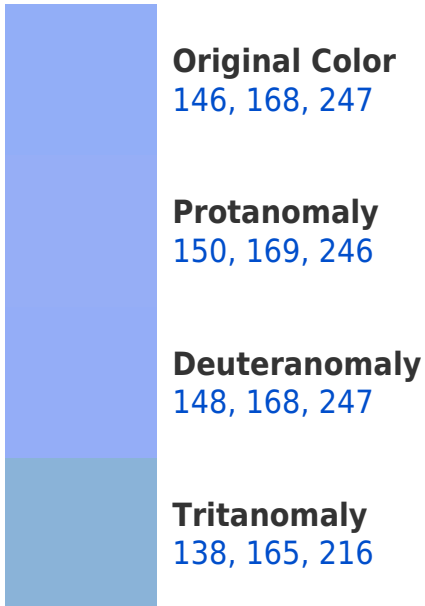
Deuteranopia

149, 168, 247

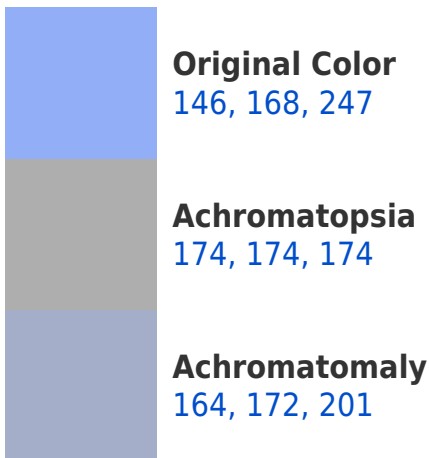


Tritanopia
133, 161, 198

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 168, 247 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, 174, 247)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 247)  
}
```

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, 174, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 247) }
```

Border

The CSS property to change the border of an element to RYB 146, 168, 247 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, 174, 247) }
```

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

```
.border{ border-color:rgb(146, 174, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 174, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 247);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 146, 168, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 247) }
```

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

```
.background{ background-color: rgb(146,  
174, 247) }
```

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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