

Converting Colors

`RYB(136, 182, 241)`

Have a look what the booklet for
RYB(136, 182, 241) contains.

RYB(136, 182, 241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(136, 182, 241)

Conversions

Conversions Part 1

Format	Color
Hex	88DAF1
RGB	136, 218, 241
RGB Percent	53%, 85%, 95%
CMY	0.4667, 0.1456, 0.0549
CMYK	0.44, 0.10, 0.00, 0.05
HSL	193°, 79%, 74%
HSV	193°, 44%, 95%
XYZ	51.0668, 61.6576, 92.4287
YIQ	196.1040, -56.2550, -10.2310

Conversions

Conversions Part 2

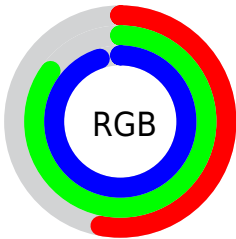
Format	Color
RYB	136, 182, 241
Decimal	8968945
CIELab	82.73, -19.09, -19.14
CIElCh	83, 27.034, 225.086
Yxy	61.6576, 0.2489, 0.3005
Android (android.graphics.Color)	4287159025 (0xFF88DAF1)
YUV	196.1040, 22.1337, -52.7112
Hunter-Lab	78.5224, -21.3272, -14.8246

Details

The RYB color **136, 182, 241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **241, 165, 136**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **194, 225, 255**, and **78, 125, 185** is the 20% darker color. If you saturate the color by 10%, you get **112, 169, 241**, and if you desaturate by 10%, it is **160, 195, 241**.

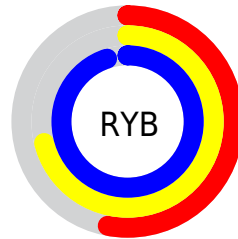
Distribution



Red (53%)

Green (85%)

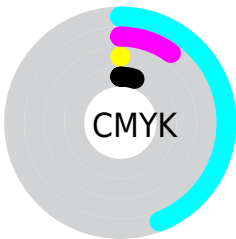
Blue (95%)



Red (53%)

Yellow (71%)

Blue (95%)

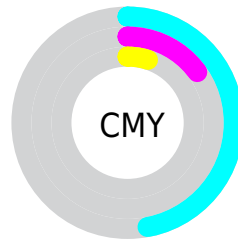


Cyan (44%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (47%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 182, 241 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 136, 182, 241 by changing the saturation by 10% instead.


 136, 182, 241


255, 255, 255


 194, 225, 255

 223, 239, 255

253, 254, 255

 136, 182, 241


 107, 154, 213

 78, 125, 185


 47, 96, 158

 0, 60, 132

 0, 48, 107

 0, 36, 82


 0, 24, 59


 0, 13, 38


 0, 1, 15

 136, 182, 241


 136, 182, 241

 112, 169, 241


 160, 195, 241

 88, 155, 241


 184, 209, 241

 64, 142, 241

 208, 223, 241

 40, 128, 241


 232, 236, 241

 15, 114, 241

 255, 245, 241

 0, 106, 241

 249, 255, 241

 241, 255, 241

Harmonies

Analogous

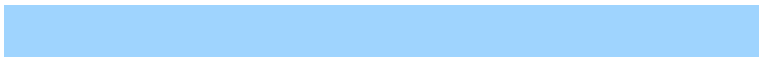
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



136, 179, 220



136, 182, 241



159, 193, 254

Triad

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



136, 182, 241



249, 189, 220



161, 212, 157

Complementary

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



136, 182, 241



241, 165, 136

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.



226, 237, 157



136, 182, 241



255, 188, 194

Square

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



136, 182, 241



226, 195, 242



253, 199, 171



169, 215, 201

Rectangle

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



136, 182, 241



181, 200, 255



253, 199, 171



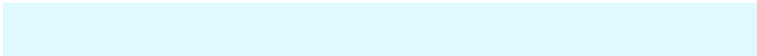
174, 221, 155

Sweetspot

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



136, 182, 241



222, 237, 255



136, 222, 241



107, 116, 128



0, 0, 0



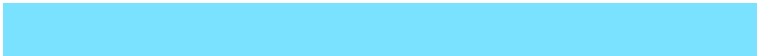
128, 128, 128

Same Dimension

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



136, 182, 241



122, 180, 255



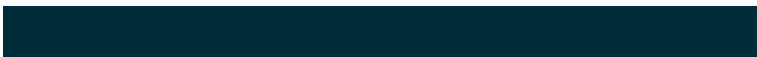
136, 159, 241



108, 113, 120



0, 80, 184



0, 25, 56

Inverse Universe

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



241, 136, 218



255, 122, 226



178, 241, 136



120, 108, 117



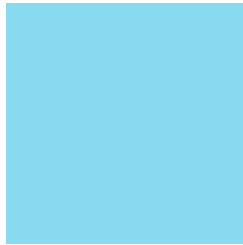
184, 0, 143



56, 0, 44

Previews

White Background



This preview shows how the RYB color 136, 182, 241 looks on a white background.

Color Contrast Check

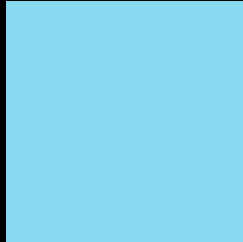
Large Text (above 18pt) WCAG AA × Fail

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 136, 182, 241 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 136, 182, 241 Background



This preview shows how black text looks on a background with the RYB color 136, 182, 241.

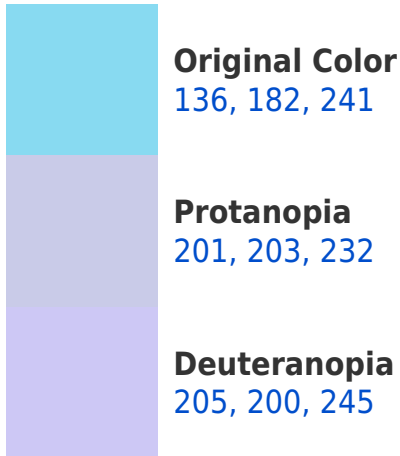



This preview shows how white text looks on a background with the RYB color 136, 182, 241.

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





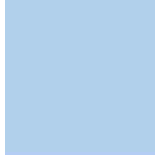
Tritanopia
135, 181, 236

Trichromacy



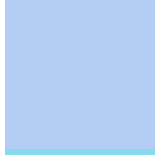
Original Color

136, 182, 241



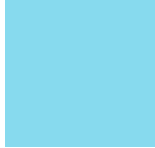
Protanomaly

177, 197, 235



Deuteranomaly

180, 198, 244



Tritanomaly

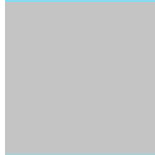
135, 181, 238

Monochromacy



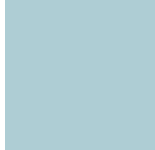
Original Color

136, 182, 241



Achromatopsia

196, 196, 196



Achromatomaly

174, 191, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 182, 241 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(136, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(136, 218, 241)  
}
```

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(136, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 218, 241) }
```

Border

The CSS property to change the border of an element to RYB 136, 182, 241 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(136, 218, 241) }
```

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

```
.border{ border-color:rgb(136, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(136, 218,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 136, 182, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 218, 241) }
```

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

```
.background{ background-color: rgb(136,  
218, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor