

Converting Colors

`RYB(145, 176, 245)`

Have a look what the booklet for
RYB(145, 176, 245) contains.

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Color

`RYB(145, 176, 245)`

Conversions

Conversions Part 1

Format	Color
Hex	91BEF5
RGB	145, 190, 245
RGB Percent	57%, 75%, 96%
CMY	0.4314, 0.2552, 0.0392
CMYK	0.41, 0.22, 0.00, 0.04
HSL	213°, 83%, 76%
HSV	213°, 41%, 96%
XYZ	46.5562, 49.4078, 93.4691
YIQ	182.8150, -44.4750, 7.5650

Conversions

Conversions Part 2

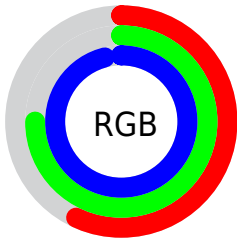
Format	Color
R _Y B	145, 176, 245
Decimal	9551605
CIE Lab	75.70, -1.14, -31.97
CIE LCh	76, 31.988, 267.961
Yxy	49.4078, 0.2458, 0.2608
Android (android.graphics.Color)	4287741685 (0xFF91BEF5)
YUV	182.8150, 30.6572, -33.1638
Hunter-Lab	70.2907, -4.7813, -29.6374

Details

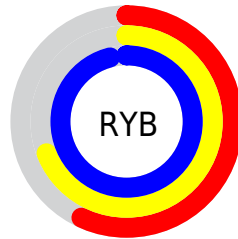
The RYB color **145, 176, 245** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **227, 245, 145**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **202, 226, 255**, and **89, 121, 189** is the 20% darker color. If you saturate the color by 10%, you get **120, 159, 245**, and if you desaturate by 10%, it is **169, 192, 245**.

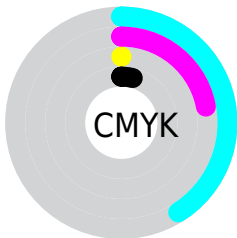
Distribution



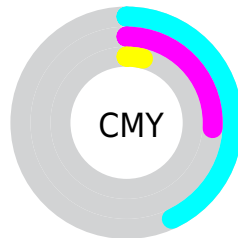
- Red (57%)
- Green (75%)
- Blue (96%)



- Red (57%)
- Yellow (69%)
- Blue (96%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 176, 245 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 145, 176, 245 by changing the saturation by 10% instead.

■ 145, 176, 245

255, 255, 255

■ 202, 226, 255

■ 231, 243, 255

■ 145, 176, 245

■ 117, 148, 216

■ 89, 121, 189

■ 61, 94, 161

■ 28, 66, 135

■ 0, 40, 109

■ 0, 28, 85


■ 0, 16, 61


■ 0, 3, 39


■ 0, 1, 17

 145, 176, 245


 145, 176, 245

 120, 159, 245


 169, 192, 245

 96, 142, 245

 194, 210, 245

 71, 125, 245

 219, 227, 245

 47, 108, 245

 243, 244, 245

 22, 91, 245

 245, 255, 245

 0, 76, 245

Harmonies

Analogous

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



106, 160, 236



145, 176, 245



188, 180, 239

Triad

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



145, 176, 245



245, 166, 160



144, 192, 200

Complementary

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



145, 176, 245



227, 245, 145

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.



134, 193, 149



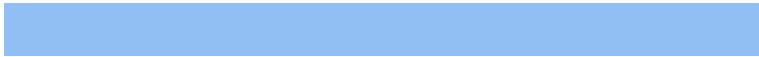
145, 176, 245



233, 196, 138

Square

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



145, 176, 245



242, 165, 190



164, 209, 128



111, 163, 203

Rectangle

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



145, 176, 245



212, 173, 226



164, 209, 128



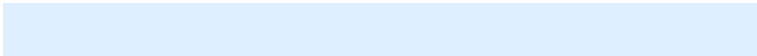
146, 198, 188

Sweetspot

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



145, 176, 245



224, 234, 255



145, 210, 245



110, 116, 128



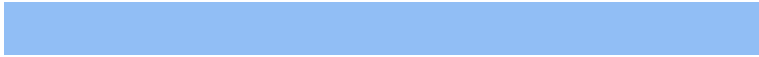
0, 0, 0



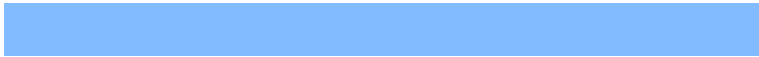
128, 128, 128

Same Dimension

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



145, 176, 245



130, 169, 255



150, 145, 245



110, 114, 122



0, 58, 186



0, 18, 59

Inverse Universe

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



245, 145, 190



255, 130, 186



145, 245, 150



122, 110, 116



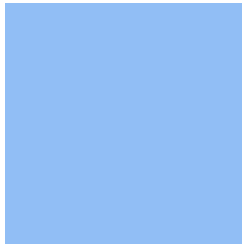
186, 0, 84



59, 0, 26

Previews

White Background



This preview shows how the RYB color 145, 176, 245 looks on a white background.

Color Contrast Check

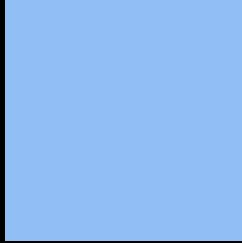
Large Text (above 18pt) WCAG AA × Fail

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 145, 176, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

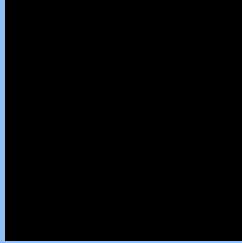
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

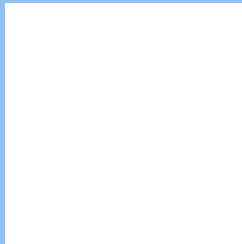
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 145, 176, 245 Background



This preview shows how black text looks on a background with the RYB color 145, 176, 245.



This preview shows how white text looks on a background with the RYB color 145, 176, 245.

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](#).

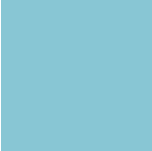
Dichromacy



Original Color
145, 176, 245

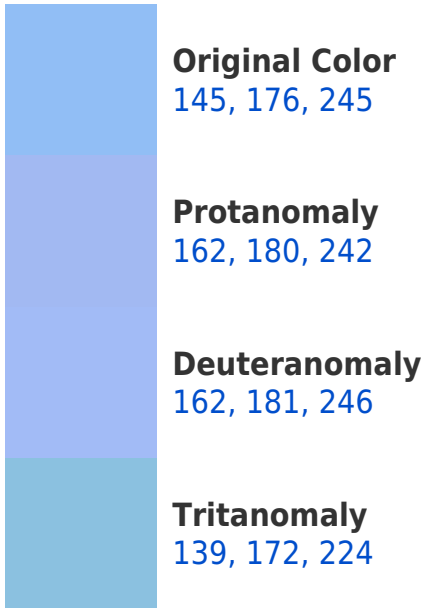
Protanopia
171, 182, 241

Deuteranopia
171, 181, 246

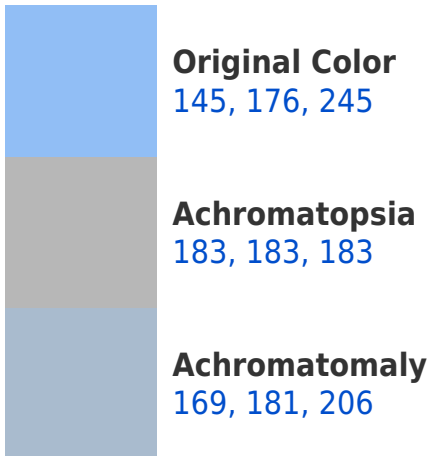


Tritanopia
136, 170, 212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 176, 245 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(145, 190, 245)` looks like.

```
.text, #text, p{  
    color:rgb(145, 190, 245)  
}
```

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(145, 190, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 190, 245) }
```

Border

The CSS property to change the border of an element to RYB 145, 176, 245 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(145, 190, 245) }
```

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

```
.border{ border-color:rgb(145, 190, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 190, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 190, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 190, 245); box-shadow:4px 4px 4px 4px rgb(145, 190, 245) }
```

Background

The CSS property to change the background color of an element to RYB 145, 176, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 190, 245) }
```

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

```
.background{ background-color: rgb(145,  
190, 245) }
```

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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