

Converting Colors

`RYB(145, 192, 253)`

Have a look what the booklet for
RYB(145, 192, 253) contains.

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Color

`RYB(145, 192, 253)`

Conversions

Conversions Part 1

Format	Color
Hex	91E4FD
RGB	145, 228, 253
RGB Percent	57%, 89%, 99%
CMY	0.4314, 0.1050, 0.0078
CMYK	0.43, 0.10, 0.00, 0.01
HSL	194°, 96%, 78%
HSV	194°, 43%, 99%
XYZ	57.2087, 68.7157, 103.1767
YIQ	206.0330, -57.4930, -9.8210

Conversions

Conversions Part 2

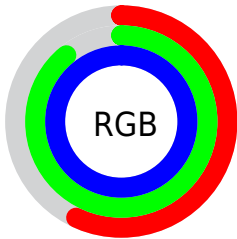
Format	Color
R_{YB}	145, 192, 253
Decimal	9561341
CIE _{Lab}	86.36, -19.06, -19.96
CIE _{LCh}	86, 27.595, 226.316
Yxy	68.7157, 0.2497, 0.2999
Android (android.graphics.Color)	4287751421 (0xFF91E4FD)
YUV	206.0330, 23.1547, -53.5259
Hunter-Lab	82.8950, -21.8770, -15.7699

Details

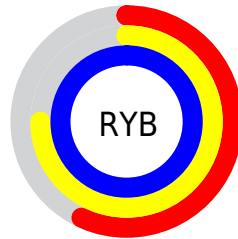
The RYB color **145, 192, 253** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **253, 178, 145**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **203, 229, 255**, and **87, 135, 196** is the 20% darker color. If you saturate the color by 10%, you get **120, 178, 253**, and if you desaturate by 10%, it is **170, 206, 253**.

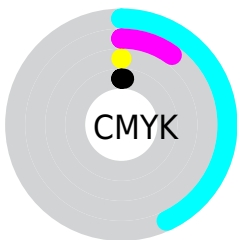
Distribution



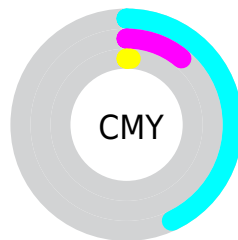
- Red (57%)
- Green (89%)
- Blue (99%)



- Red (57%)
- Yellow (75%)
- Blue (99%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 192, 253 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, 192, 253 by changing the saturation by 10% instead.


 145, 192, 253


255, 255, 255


 203, 229, 255

 233, 244, 255

 145, 192, 253

 116, 163, 224

 87, 135, 196


 56, 106, 169

 14, 72, 143

 0, 52, 117

 0, 40, 92

 0, 29, 69

 0, 18, 46

 0, 1, 26

■ 145, 192, 253

■ 145, 192, 253

■ 120, 178, 253

■ 170, 206, 253

■ 94, 163, 253

■ 196, 221, 253

■ 69, 149, 253

■ 221, 235, 253

■ 44, 135, 253

■ 246, 249, 253

■ 19, 121, 253

253, 255, 253

■ 0, 110, 253

Harmonies

Analogous

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



144, 188, 231



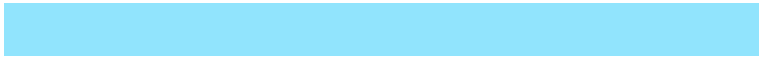
145, 192, 253



169, 202, 255

Triad

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



145, 192, 253



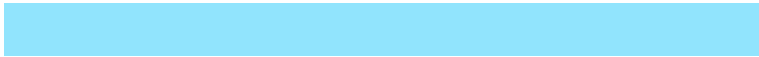
255, 199, 229



168, 221, 166

Complementary

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



145, 192, 253



253, 178, 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.



234, 247, 166



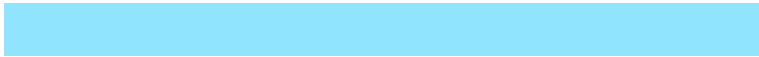
145, 192, 253



255, 198, 203

Square

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



145, 192, 253



238, 205, 252



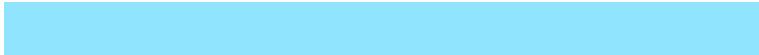
255, 212, 179



179, 226, 214

Rectangle

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



145, 192, 253



192, 210, 255



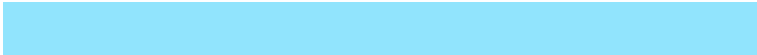
255, 212, 179



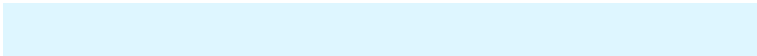
182, 230, 164

Sweetspot

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



145, 192, 253



222, 236, 255



145, 234, 253



107, 116, 128



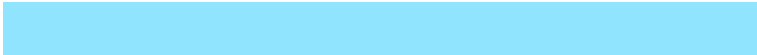
0, 0, 0



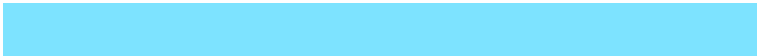
128, 128, 128

Same Dimension

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



145, 192, 253



125, 182, 255



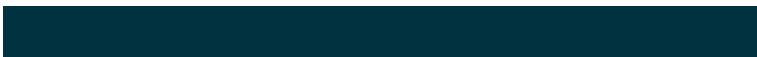
145, 169, 253



115, 121, 128



0, 83, 191



0, 28, 64

Inverse Universe

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



253, 145, 228



255, 125, 225



188, 253, 145



128, 115, 125



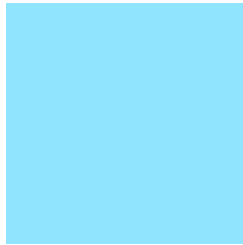
191, 0, 147



64, 0, 49

Previews

White Background



This preview shows how the RYB color 145, 192, 253 looks on a white background.

Color Contrast Check

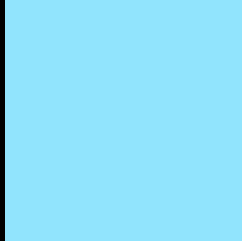
Large Text (above 18pt) WCAG AA × Fail

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, 192, 253 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, 192, 253 Background



This preview shows how black text looks on a background with the RYB color 145, 192, 253.

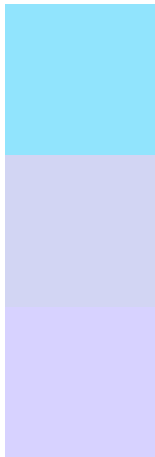


This preview shows how white text looks on a background with the RYB color 145, 192, 253.

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](#).

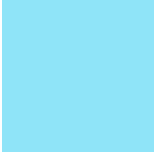
Dichromacy



Original Color
145, 192, 253

Protanopia
210, 213, 243

Deuteranopia
215, 210, 255



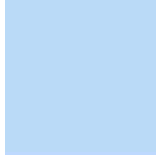
Tritanopia
143, 190, 248

Trichromacy



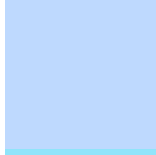
Original Color

145, 192, 253



Protanomaly

186, 207, 247



Deuteranomaly

190, 209, 254



Tritanomaly

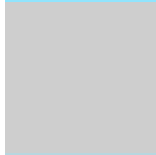
144, 191, 250

Monochromacy



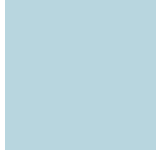
Original Color

145, 192, 253



Achromatopsia

206, 206, 206



Achromatomaly

184, 201, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 192, 253 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, 228, 253)` looks like.

```
.text, #text, p{  
    color:rgb(145, 228, 253)  
}
```

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, 228, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 228, 253) }
```

Border

The CSS property to change the border of an element to RYB 145, 192, 253 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, 228, 253) }
```

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

```
.border{ border-color:rgb(145, 228, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 228, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 228, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 228, 253);  
box-shadow:4px 4px 4px 4px rgb(145, 228,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 145, 192, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 228, 253) }
```

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

```
.background{ background-color: rgb(145,  
228, 253) }
```

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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