

Converting Colors

`RYB(130, 182, 244)`

Have a look what the booklet for
RYB(130, 182, 244) contains.

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Color

`RYB(130, 182, 244)`

Conversions

Conversions Part 1

Format	Color
Hex	82E2F4
RGB	130, 226, 244
RGB Percent	51%, 89%, 96%
CMY	0.4902, 0.1152, 0.0431
CMYK	0.47, 0.08, 0.00, 0.04
HSL	190°, 84%, 73%
HSV	190°, 47%, 96%
XYZ	52.6263, 65.4599, 95.4493
YIQ	199.3480, -62.9940, -14.7540

Conversions

Conversions Part 2

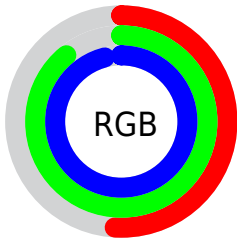
Format	Color
RYB	130, 182, 244
Decimal	8577780
CIELab	84.72, -23.56, -17.76
CIELCh	85, 29.505, 216.998
Yxy	65.4599, 0.2465, 0.3066
Android (android.graphics.Color)	4286767860 (0xFF82E2F4)
YUV	199.3480, 22.0134, -60.8182
Hunter-Lab	80.9073, -25.4822, -13.3115

Details

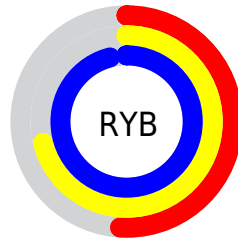
The RYB color **130, 182, 244** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **244, 151, 130**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **189, 222, 255**, and **70, 124, 188** is the 20% darker color. If you saturate the color by 10%, you get **106, 169, 244**, and if you desaturate by 10%, it is **154, 195, 244**.

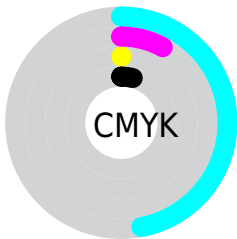
Distribution



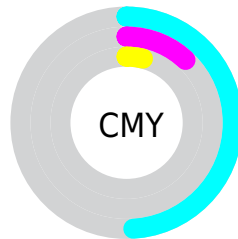
- Red (51%)
- Green (89%)
- Blue (96%)



- Red (51%)
- Yellow (71%)
- Blue (96%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)




- Cyan (49%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 182, 244 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 130, 182, 244 by changing the saturation by 10% instead.


 130, 182, 244


255, 255, 255


 189, 222, 255

 218, 237, 255

 248, 252, 255

 130, 182, 244

 101, 154, 216

 70, 124, 188


 33, 92, 161

 0, 63, 135

 0, 50, 109

 0, 38, 85


 0, 26, 62

 0, 16, 40


 0, 1, 19

 130, 182, 244


 130, 182, 244

 106, 169, 244


 154, 195, 244

 81, 155, 244


 179, 208, 244

 57, 142, 244


 203, 222, 244

 32, 129, 244

 228, 235, 244

 8, 116, 244

 252, 245, 244

 0, 111, 244

 255, 253, 244

 246, 255, 244

 244, 255, 244

Harmonies

Analogous

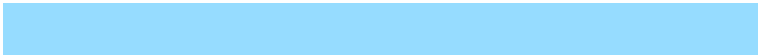
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137, 185, 227



130, 182, 244



150, 192, 255

Triad

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



130, 182, 244



253, 194, 234



172, 225, 156

Complementary

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



130, 182, 244



244, 151, 130

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.



251, 236, 161



130, 182, 244



255, 191, 206

Square

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



130, 182, 244



224, 202, 255



255, 199, 179



166, 220, 191

Rectangle

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



130, 182, 244



173, 201, 255



255, 199, 179



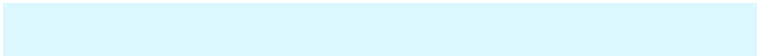
195, 235, 156

Sweetspot

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



130, 182, 244



219, 235, 255



130, 229, 244



106, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 182, 244



112, 177, 255



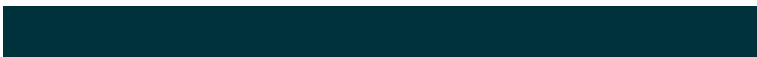
130, 160, 244



110, 115, 122



0, 85, 186



0, 27, 59

Inverse Universe

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



244, 130, 226



255, 112, 232



192, 244, 130



122, 110, 120



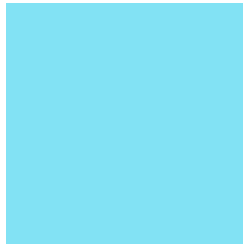
186, 0, 156



59, 0, 49

Previews

White Background



This preview shows how the RYB color 130, 182, 244 looks on a white background.

Color Contrast Check

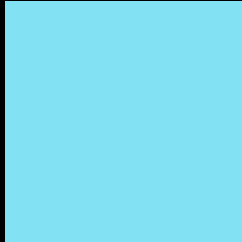
Large Text (above 18pt) WCAG AA × Fail

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 130, 182, 244 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 130, 182, 244 Background



This preview shows how black text looks on a background with the RYB color 130, 182, 244.




This preview shows how white text looks on a background with the RYB color 130, 182, 244.

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





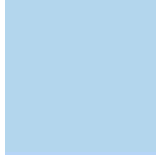
Tritanopia
130, 182, 244

Trichromacy



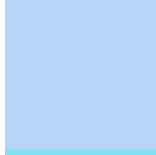
Original Color

130, 182, 244



Protanomaly

179, 201, 237



Deuteranomaly

182, 203, 247



Tritanomaly

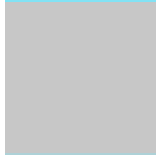
130, 182, 244

Monochromacy



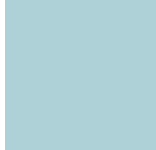
Original Color

130, 182, 244



Achromatopsia

199, 199, 199



Achromatomaly

174, 193, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 182, 244 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(130, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(130, 226, 244)  
}
```

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(130, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 226, 244) }
```

Border

The CSS property to change the border of an element to RYB 130, 182, 244 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(130, 226, 244) }
```

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

```
.border{ border-color:rgb(130, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(130, 226,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 130, 182, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 226, 244) }
```

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

```
.background{ background-color: rgb(130,  
226, 244) }
```

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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