

Converting Colors

`RYB(141, 192, 240)`

Have a look what the booklet for
RYB(141, 192, 240) contains.

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Color

`RYB(141, 192, 240)`

Conversions

Conversions Part 1

Format	Color
Hex	8DF0EA
RGB	141, 240, 234
RGB Percent	55%, 94%, 92%
CMY	0.4471, 0.0588, 0.0817
CMYK	0.41, 0.00, 0.02, 0.06
HSL	176°, 77%, 75%
HSV	176°, 41%, 94%
XYZ	57.0212, 73.9336, 89.2402
YIQ	209.7150, -57.0780, -22.8540

Conversions

Conversions Part 2

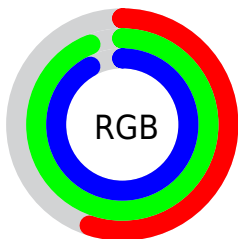
Format	Color
RYB	141, 192, 240
Decimal	9302250
CIELab	88.89, -30.42, -6.32
CIELCh	89, 31.067, 191.739
Yxy	73.9336, 0.2590, 0.3358
Android (android.graphics.Color)	4287492330 (0xFF8DF0EA)
YUV	209.7150, 11.9725, -60.2631
Hunter-Lab	85.9846, -32.0997, -1.3456

Details

The RYB color **141, 192, 240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 141, 147**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **199, 227, 255**, and **83, 135, 184** is the 20% darker color. If you saturate the color by 10%, you get **117, 180, 240**, and if you desaturate by 10%, it is **165, 204, 240**.

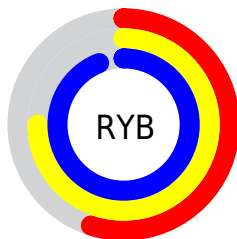
Distribution



Red (55%)

Green (94%)

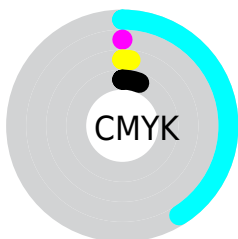
Blue (92%)



Red (55%)

Yellow (75%)

Blue (94%)

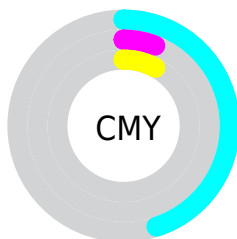


Cyan (41%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (45%)


Magenta (6%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 192, 240 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 141, 192, 240 by changing the saturation by 10% instead.


 141, 192, 240


255, 255, 255


 199, 227, 255

 229, 242, 255

 141, 192, 240

 112, 163, 211

 83, 135, 184


 51, 105, 156

 2, 67, 130


 0, 54, 105


 0, 41, 80


 0, 29, 56

 0, 19, 36


 0, 0, 11

 141, 192, 240


 141, 192, 240

 117, 180, 240


 165, 204, 240

 93, 169, 240


 189, 215, 240

 69, 157, 240

 213, 227, 240

 45, 145, 240

 237, 239, 240

 21, 134, 240

 255, 240, 241

 0, 124, 240

 255, 240, 243

 255, 240, 244

 255, 240, 245

 255, 240, 247

Harmonies

Analogous

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



166, 213, 238



141, 192, 240



138, 192, 255

Triad

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



141, 192, 240



242, 212, 255



242, 255, 168

Complementary

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



141, 192, 240



240, 141, 147

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.



255, 215, 185



141, 192, 240



255, 204, 243

Square

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



141, 192, 240



203, 217, 255



255, 202, 212



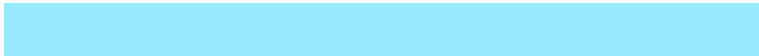
174, 233, 165

Rectangle

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



141, 192, 240



152, 198, 255



255, 202, 212



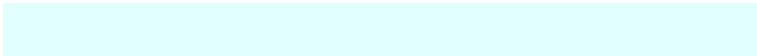
255, 249, 172

Sweetspot

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



141, 192, 240



224, 240, 255



141, 240, 233



110, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 192, 240



128, 193, 255



141, 177, 240



108, 114, 120



0, 95, 184



0, 29, 56

Inverse Universe

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



240, 141, 147



255, 128, 135



240, 217, 141



120, 108, 109



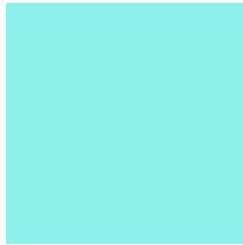
184, 0, 11



56, 0, 3

Previews

White Background



This preview shows how the RYB color 141, 192, 240 looks on a white background.

Color Contrast Check

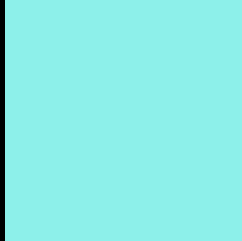
Large Text (above 18pt) WCAG AA × Fail

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 141, 192, 240 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 141, 192, 240 Background



This preview shows how black text looks on a background with the RYB color 141, 192, 240.



This preview shows how white text looks on a background with the RYB color 141, 192, 240.

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
149, 197, 255

Trichromacy



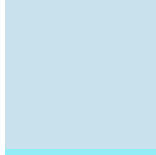
Original Color

141, 192, 240



Protanomaly

195, 212, 228



Deuteranomaly

201, 215, 237



Tritanomaly

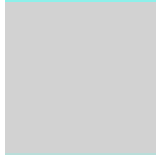
146, 194, 247

Monochromacy



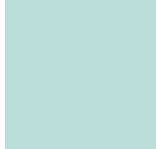
Original Color

141, 192, 240



Achromatopsia

210, 210, 210



Achromatomaly

185, 204, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 192, 240 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(141, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(141, 240, 234)  
}
```

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(141, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 240, 234) }
```

Border

The CSS property to change the border of an element to RYB 141, 192, 240 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(141, 240, 234) }
```

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

```
.border{ border-color:rgb(141, 240, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 240, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 240, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 240, 234); box-shadow:4px 4px 4px 4px rgb(141, 240, 234) }
```

Background

The CSS property to change the background color of an element to RYB 141, 192, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 240, 234) }
```

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

```
.background{ background-color: rgb(141,  
240, 234) }
```

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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