

Converting Colors

RGB(142, 240, 234)

Have a look what the booklet for
RGB(142, 240, 234) contains.

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Color

RGB(142, 240, 234)

Conversions

Conversions Part 1

Format	Color
Hex	8EF0EA
RGB	142, 240, 234
RGB Percent	56%, 94%, 92%
CMY	0.4431, 0.0588, 0.0824
CMYK	0.41, 0.00, 0.03, 0.06
HSL	176°, 77%, 75%
HSV	176°, 41%, 94%
XYZ	57.1667, 74.0115, 89.1145
YIQ	210.0140, -56.4820, -22.6420

Conversions

Conversions Part 2

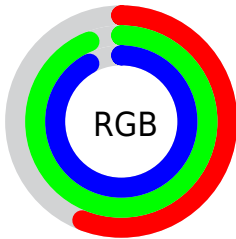
Format	Color
RYB	142, 193, 240
Decimal	9367786
CIELab	88.93, -30.22, -6.17
CIELCh	89, 30.841, 191.539
Yxy	74.0115, 0.2595, 0.3360
Android (android.graphics.Color)	4287557866 (0xFF8EF0EA)
YUV	210.0140, 11.8251, -59.6483
Hunter-Lab	86.0299, -31.9395, -1.1949

Details

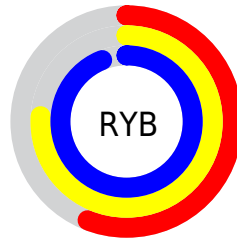
The RGB color **142, 240, 234** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 142, 148**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **200, 255, 255**, and **84, 184, 178** is the 20% darker color. If you saturate the color by 10%, you get **118, 240, 233**, and if you desaturate by 10%, it is **166, 240, 235**.

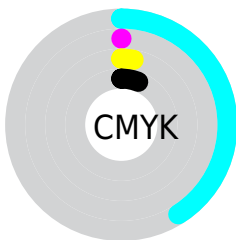
Distribution



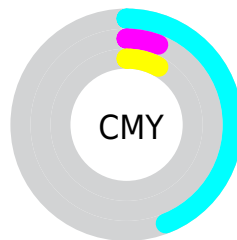
- Red (56%)
- Green (94%)
- Blue (92%)



- Red (56%)
- Yellow (76%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 240, 234 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 RGB color 142, 240, 234 by changing the saturation by 10% instead.

 142, 240, 234


255, 255, 255


 200, 255, 255


 229, 255, 255

 142, 240, 234


 113, 211, 206

 84, 184, 178

 53, 156, 152

 7, 130, 126

 0, 105, 101

 0, 80, 77

 0, 56, 54

 0, 36, 33

 0, 0, 11

142, 240, 234

142, 240, 234

118, 240, 233

166, 240, 235

94, 240, 231

190, 240, 237

70, 240, 230

214, 240, 238

46, 240, 228

238, 240, 240

22, 240, 227

255, 240, 241

0, 240, 225

255, 240, 243

255, 240, 244

255, 240, 246

255, 240, 247

Harmonies

Analogous

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



167, 238, 204



142, 240, 234



139, 238, 255

Triad

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



142, 240, 234



242, 212, 255



255, 215, 168

Complementary

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



142, 240, 234



240, 142, 148

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, 206, 186



142, 240, 234



255, 204, 243

Square

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



142, 240, 234



203, 222, 255



255, 202, 213



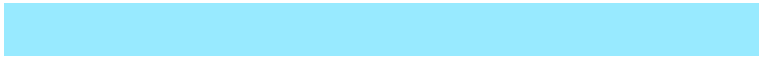
233, 225, 166

Rectangle

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



142, 240, 234



152, 234, 255



255, 202, 213



255, 212, 173

Sweetspot

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



142, 240, 234



224, 255, 253



149, 240, 142



110, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



142, 240, 234



130, 255, 247



142, 198, 240



108, 120, 119



0, 184, 172



0, 56, 53

Inverse Universe

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



240, 142, 148



255, 130, 138



240, 184, 142



120, 108, 109



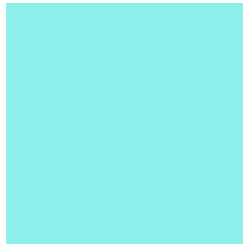
184, 0, 11



56, 0, 3

Previews

White Background



This preview shows how the RGB color 142, 240, 234 looks on a white background.

Color Contrast Check

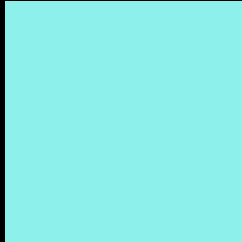
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 142, 240, 234 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](#).

RGB 142, 240, 234 Background



This preview shows how black text looks on a background with the RGB color 142, 240, 234.



This preview shows how white text looks on a background with the RGB color 142, 240, 234.

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
150, 236, 255

Trichromacy



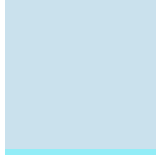
Original Color

142, 240, 234



Protanomaly

195, 228, 227



Deuteranomaly

202, 225, 237



Tritanomaly

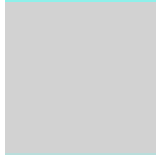
147, 237, 247

Monochromacy



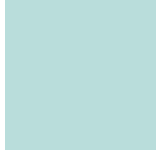
Original Color

142, 240, 234



Achromatopsia

210, 210, 210



Achromatomaly

185, 221, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 240, 234 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(142, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 240, 234) }
```

Border

The CSS property to change the border of an element to RGB 142, 240, 234 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(142, 240, 234) }
```

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

```
.border{ border-color:rgb(142, 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(142, 240, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(142, 240,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 142, 240, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 240, 234) }
```

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

```
.background{ background-color: rgb(142,  
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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