Converting Colors

RGB(145, 242, 247)

Have a look what the booklet for RGB(145, 242, 247) contains.

Color

RGB(145, 242, 247)

Conversions

Conversions Part 1

Format	Color
Hex	91F2F7
RGB	145, 242, 247
RGB Percent	57%, 95%, 97%
CMY	0.4314, 0.0510, 0.0314
CMYK	0.41, 0.02, 0.00, 0.03
HSL	183°, 86%, 77%
HSV	183°, 41%, 97%
XYZ	60.2177, 76.2394, 99.5376
YIQ	213.5670, -59.4170, -19.0090

Conversions

Conversions Part 2

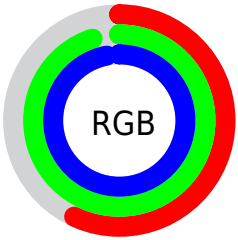
Format	Color
RYB	145, 195, 247
Decimal	9564919
CIELab	89.97, -27.33, -11.40
CIELCh	90, 29.614, 202.637
Yxy	76.2394, 0.2552, 0.3231
Android (android.graphics.Color)	4287754999 (0xFF91F2F7)
YUV	213.5670, 16.4825, -60.1333
Hunter-Lab	87.3152, -29.6975, -6.4688

Details

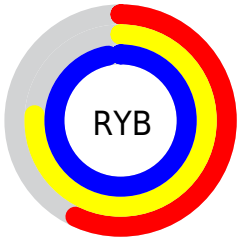
The RGB color 145, 242, 247 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 247, 150, 145, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 203, 255, 255, and 87, 186, 191 is the 20% darker color. If you saturate the color by 10%, you get 120, 241, 247, and if you desaturate by 10%, it is 170, 243, 247.

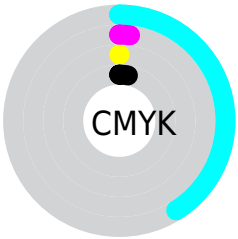
Distribution



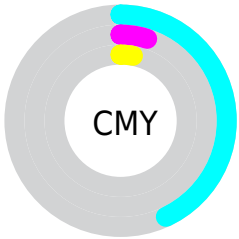
- Red (57%)
- Green (95%)
- Blue (97%)



- Red (57%)
- Yellow (76%)
- Blue (97%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (43%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 242, 247 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 145, 242, 247 by changing the saturation by 10% instead.

145, 242, 247

255, 255, 255

203, 255, 255

233, 255, 255

145, 242, 247

116, 213, 219

87, 186, 191

55, 158, 164

9, 132, 137

0, 107, 112

0, 82, 88

0, 58, 64

0, 37, 42

0, 1, 23

145, 242, 247

120, 241, 247

96, 240, 247

71, 238, 247

46, 237, 247

22, 236, 247

0, 235, 247

145, 242, 247

170, 243, 247

194, 244, 247

219, 246, 247

244, 247, 247

255, 248, 247

255, 249, 247

255, 250, 247

255, 252, 247

255, 253, 247

Harmonies

Analogous

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

162, 242, 218

145, 242, 247

152, 238, 255

Triad

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

145, 242, 247

255, 212, 255

254, 222, 170

Complementary

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

145, 242, 247

247, 150, 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.

255, 213, 182

145, 242, 247

255, 206, 234

Square

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

145, 242, 247

222, 221, 255

255, 207, 206

225, 231, 174

Rectangle

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

145, 242, 247

171, 234, 255

255, 207, 206

255, 219, 173

Sweetspot

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

145, 242, 247

224, 254, 255

145, 247, 148

110, 127, 128

0, 0, 0

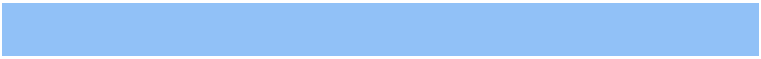
128, 128, 128

Same Dimension

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

145, 242, 247

128, 249, 255



145, 193, 247

110, 122, 122

0, 177, 186

0, 56, 59

Inverse Universe

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

247, 145, 242

255, 128, 249

247, 199, 145

122, 110, 122

186, 0, 177

59, 0, 56

Previews

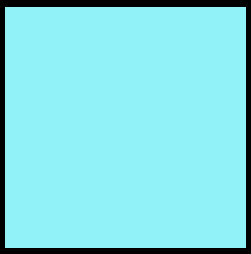
White Background

This preview shows how the RGB color 145, 242, 247 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



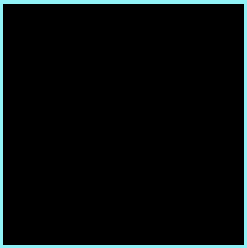
This preview shows how the RGB color 145, 242, 247 looks on a black background.

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 145, 242, 247 Background



This preview shows how black text looks on a background with the RGB color 145, 242, 247.

This preview shows how white text looks on a background with the RGB color 145, 242, 247.

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, 242, 247

Protanopia
226, 224, 236

Deuteranopia
235, 219, 252

Tritanopia
162, 238, 255

Trichromacy

Original Color
145, 242, 247

Protanomaly
197, 231, 240

Deuteranomaly
202, 227, 250

Tritanomaly
156, 239, 252

Monochromacy

Original Color
145, 242, 247

Achromatopsia
214, 214, 214

Achromatomaly
189, 224, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 242, 247 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, 242, 247) looks like.

```
.text, #text, p{
    color:rgb(145, 242, 247)
}
```

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, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 242, 247) }
```

Border

The CSS property to change the border of an element to RGB 145, 242, 247 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, 242, 247) }
```

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

```
.border{ border-color:rgb(145, 242, 247) }
```

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

Here you see how a box with a 4 pixel rgb(145, 242, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 242, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 242, 247); box-shadow:4px 4px 4px 4px rgb(145, 242, 247) }
```

Background

The CSS property to change the background color of an element to RGB 145, 242, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(145, 242, 247) }
```

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

```
.background{ background-color:rgb(145,
242, 247) }
```

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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