

Converting Colors

RGB(115, 237, 142)

Have a look what the booklet for
RGB(115, 237, 142) contains.

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Color

RGB(115, 237, 142)

Conversions

Conversions Part 1

Format	Color
Hex	73ED8E
RGB	115, 237, 142
RGB Percent	45%, 93%, 56%
CMY	0.5490, 0.0706, 0.4431
CMYK	0.51, 0.00, 0.40, 0.07
HSL	133°, 77%, 69%
HSV	133°, 51%, 93%
XYZ	42.2369, 66.1662, 36.1364
YIQ	189.6920, -42.2170, -55.4090

Conversions

Conversions Part 2

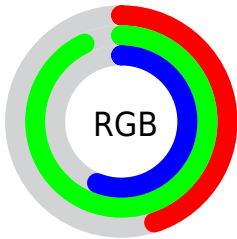
Format	Color
RYB	115, 215, 237
Decimal	7597454
CIELab	85.08, -54.14, 35.81
CIELCh	85, 64.911, 146.521
Yxy	66.1662, 0.2922, 0.4578
Android (android.graphics.Color)	4285787534 (0xFF73ED8E)
YUV	189.6920, -23.5122, -65.5049
Hunter-Lab	81.3426, -49.6640, 30.6003

Details

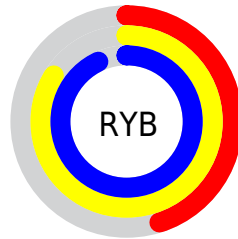
The RGB color **115, 237, 142** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **237, 115, 210**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **174, 255, 197**, and **51, 180, 90** is the 20% darker color. If you saturate the color by 10%, you get **91, 237, 124**, and if you desaturate by 10%, it is **139, 237, 160**.

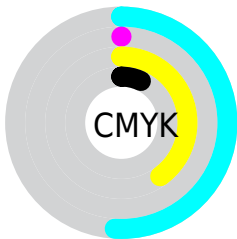
Distribution



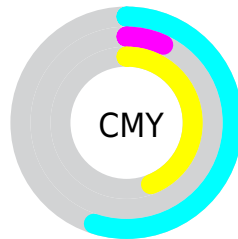
- Red (45%)
- Green (93%)
- Blue (56%)



- Red (45%)
- Yellow (84%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (55%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 237, 142 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 115, 237, 142 by changing the saturation by 10% instead.

 115, 237, 142

255, 255, 255


 174, 255, 197


 203, 255, 225


 233, 255, 254


 115, 237, 142

 85, 208, 116

 51, 180, 90

 0, 153, 66

 0, 126, 41

 0, 100, 16

 0, 75, 0

 0, 51, 0

 0, 26, 0

 0, 0, 0

 115, 237, 142

 115, 237, 142

 91, 237, 124

 139, 237, 160

 68, 237, 105

 162, 237, 179

 44, 237, 87

 186, 237, 197

 20, 237, 68

 210, 237, 216

 0, 237, 52

 233, 237, 234

 255, 237, 253

 255, 237, 255

Harmonies

Analogous

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



193, 225, 97



115, 237, 142



0, 243, 203

Triad

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



115, 237, 142



55, 221, 255



255, 164, 161

Complementary

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



115, 237, 142



237, 115, 210

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, 160, 222



115, 237, 142



204, 199, 255

Square

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



115, 237, 142



0, 236, 255



255, 175, 255



255, 184, 111

Rectangle

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



115, 237, 142



0, 243, 245



255, 175, 255



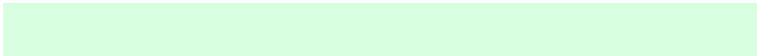
255, 160, 181

Sweetspot

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



115, 237, 142



217, 255, 225



211, 237, 115



105, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



115, 237, 142



97, 255, 132



115, 237, 202



106, 117, 108



0, 181, 40



0, 54, 12

Inverse Universe

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



237, 115, 210



255, 97, 220



237, 115, 150



117, 106, 115



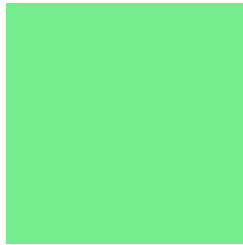
181, 0, 141



54, 0, 42

Previews

White Background



This preview shows how the RGB color 115, 237, 142 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 115, 237, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

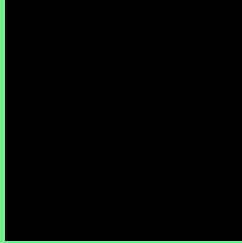
Any Text WCAG AA ✓ Pass

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 115, 237, 142 Background



This preview shows how black text looks on a background with the RGB color 115, 237, 142.

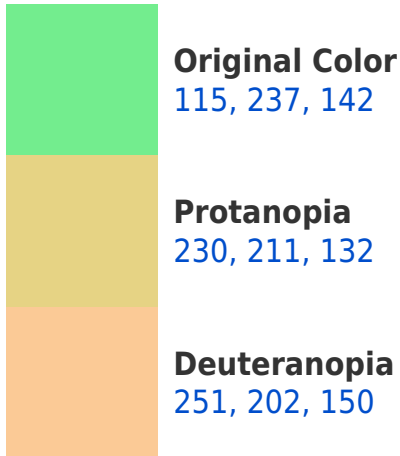


This preview shows how white text looks on a background with the RGB color 115, 237, 142.

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
140, 225, 243

Trichromacy



Original Color

115, 237, 142



Protanomaly

188, 220, 136



Deuteranomaly

202, 215, 147



Tritanomaly

131, 229, 206

Monochromacy



Original Color

115, 237, 142



Achromatopsia

190, 190, 190



Achromatomaly

163, 207, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 237, 142 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(115, 237, 142)` looks like.

```
.text, #text, p{  
    color:rgb(115, 237, 142)  
}
```

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(115, 237, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 237, 142) }
```

Border

The CSS property to change the border of an element to RGB 115, 237, 142 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(115, 237, 142) }
```

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

```
.border{ border-color:rgb(115, 237, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 237, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 237, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 237, 142); box-shadow:4px 4px 4px 4px rgb(115, 237, 142) }
```

Background

The CSS property to change the background color of an element to RGB 115, 237, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 237, 142) }
```

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

```
.background{ background-color: rgb(115,  
237, 142) }
```

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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