

Converting Colors

RGB(114, 227, 145)

Have a look what the booklet for
RGB(114, 227, 145) contains.

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Color

RGB(114, 227, 145)

Conversions

Conversions Part 1

Format	Color
Hex	72E391
RGB	114, 227, 145
RGB Percent	45%, 89%, 57%
CMY	0.5529, 0.1098, 0.4314
CMYK	0.50, 0.00, 0.36, 0.11
HSL	136°, 67%, 67%
HSV	136°, 50%, 89%
XYZ	39.5193, 60.5599, 36.3944
YIQ	183.8650, -41.0260, -49.4580

Conversions

Conversions Part 2

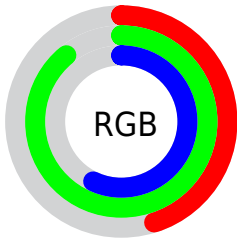
Format	Color
RYB	114, 203, 227
Decimal	7529361
CIELab	82.14, -49.84, 30.41
CIELCh	82, 58.382, 148.609
Yxy	60.5599, 0.2896, 0.4437
Android (android.graphics.Color)	4285719441 (0xFF72E391)
YUV	183.8650, -19.1604, -61.2716
Hunter-Lab	77.8202, -45.5380, 26.7459

Details

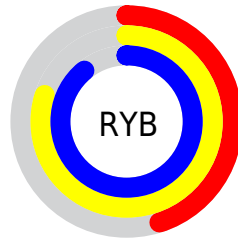
The RGB color **114, 227, 145** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **227, 114, 196**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **172, 255, 199**, and **53, 171, 94** is the 20% darker color. If you saturate the color by 10%, you get **91, 227, 129**, and if you desaturate by 10%, it is **137, 227, 161**.

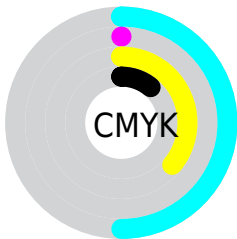
Distribution



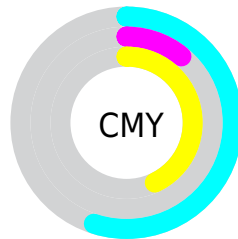
- Red (45%)
- Green (89%)
- Blue (57%)



- Red (45%)
- Yellow (80%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 227, 145 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 114, 227, 145 by changing the saturation by 10% instead.

 114, 227, 145


255, 255, 255

 172, 255, 199


 201, 255, 228


 231, 255, 255

 114, 227, 145

 85, 199, 119


 53, 171, 94

 3, 144, 69

 0, 117, 45

 0, 92, 22

 0, 67, 0

 0, 45, 0

 0, 14, 0

 0, 0, 0

 114, 227, 145

 114, 227, 145

 91, 227, 129

 137, 227, 161

 69, 227, 112

 159, 227, 178

 46, 227, 96

 182, 227, 194

 23, 227, 79

 205, 227, 211

 1, 227, 63

 228, 227, 227

 0, 227, 62

 250, 227, 244

 255, 227, 255

Harmonies

Analogous

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



184, 217, 104



114, 227, 145



0, 232, 200

Triad

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



114, 227, 145



96, 211, 255



255, 163, 155

Complementary

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



114, 227, 145



227, 114, 196

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, 158, 209



114, 227, 145



204, 191, 255

Square

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



114, 227, 145



0, 225, 255



255, 170, 255



255, 180, 112

Rectangle

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



114, 227, 145



0, 232, 238



255, 170, 255



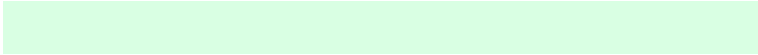
255, 159, 172

Sweetspot

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



114, 227, 145



217, 255, 227



197, 227, 114



105, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



114, 227, 145



102, 255, 144



114, 227, 201



103, 115, 106



0, 179, 49



0, 51, 14

Inverse Universe

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



227, 114, 196



255, 102, 213



227, 114, 140



115, 103, 112



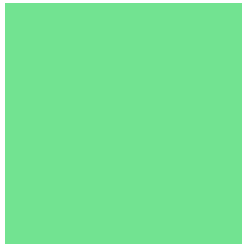
179, 0, 130



51, 0, 37

Previews

White Background



This preview shows how the RGB color 114, 227, 145 looks on a white background.

Color Contrast Check

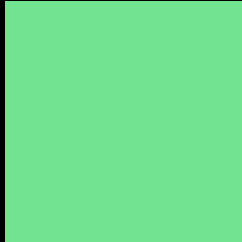
Large Text (above 18pt) WCAG AA × Fail

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 114, 227, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

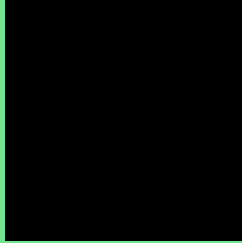
Any Text WCAG AA ✓ Pass

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 114, 227, 145 Background



This preview shows how black text looks on a background with the RGB color 114, 227, 145.

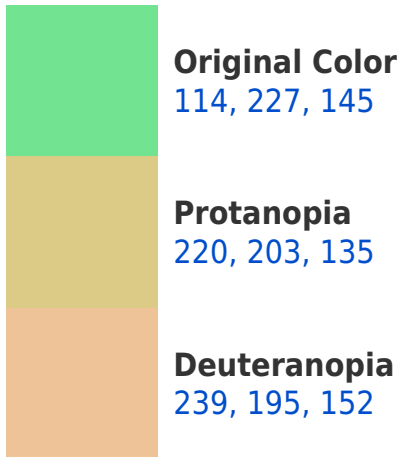


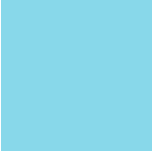
This preview shows how white text looks on a background with the RGB color 114, 227, 145.

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
136, 216, 234

Trichromacy



Original Color

114, 227, 145



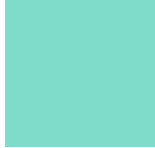
Protanomaly

181, 212, 139



Deuteranomaly

194, 207, 149



Tritanomaly

128, 220, 202

Monochromacy



Original Color

114, 227, 145



Achromatopsia

184, 184, 184



Achromatomaly

159, 200, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 227, 145 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(114, 227, 145)` looks like.

```
.text, #text, p{  
    color:rgb(114, 227, 145)  
}
```

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(114, 227, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 227, 145) }
```

Border

The CSS property to change the border of an element to RGB 114, 227, 145 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(114, 227, 145) }
```

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

```
.border{ border-color:rgb(114, 227, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 227, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 227, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 227, 145);  
box-shadow:4px 4px 4px 4px rgb(114, 227,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 114, 227, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 227, 145) }
```

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

```
.background{ background-color: rgb(114,  
227, 145) }
```

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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