

Converting Colors

RGB(193, 242, 162)

Have a look what the booklet for
RGB(193, 242, 162) contains.

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Color

RGB(193, 242, 162)

Conversions

Conversions Part 1

Format	Color
Hex	C1F2A2
RGB	193, 242, 162
RGB Percent	76%, 95%, 64%
CMY	0.2431, 0.0510, 0.3647
CMYK	0.20, 0.00, 0.33, 0.05
HSL	97°, 75%, 79%
HSV	97°, 33%, 95%
XYZ	60.2660, 77.4504, 45.9555
YIQ	218.2290, -3.5240, -35.2680

Conversions

Conversions Part 2

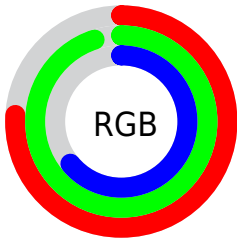
Format	Color
RYB	162, 242, 211
Decimal	12710562
CIELab	90.53, -29.62, 33.65
CIELCh	91, 44.830, 131.361
Yxy	77.4504, 0.3281, 0.4217
Android (android.graphics.Color)	4290900642 (0xFFC1F2A2)
YUV	218.2290, -27.7209, -22.1258
Hunter-Lab	88.0059, -31.7743, 30.6437

Details

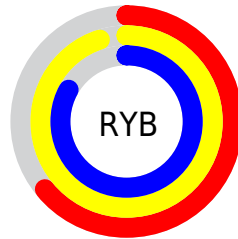
The RGB color **193, 242, 162** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **211, 162, 242**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **250, 255, 217**, and **138, 186, 109** is the 20% darker color. If you saturate the color by 10%, you get **178, 242, 138**, and if you desaturate by 10%, it is **208, 242, 186**.

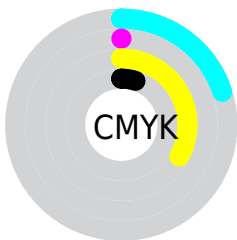
Distribution



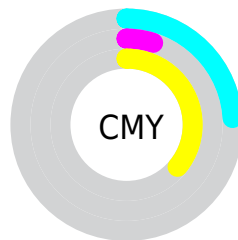
- Red (76%)
- Green (95%)
- Blue (64%)



- Red (64%)
- Yellow (95%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 242, 162 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 193, 242, 162 by changing the saturation by 10% instead.

 193, 242, 162

 193, 242, 162

255, 255, 255

 165, 214, 135


 250, 255, 217

 138, 186, 109

 255, 255, 246

 112, 159, 84

 86, 132, 60

 61, 107, 36

 35, 82, 11

 9, 59, 0

 0, 37, 0

 0, 4, 0

 193, 242, 162


 193, 242, 162

 178, 242, 138

 208, 242, 186

 163, 242, 114

 223, 242, 210

 149, 242, 89


 237, 242, 235

 134, 242, 65

 252, 242, 255

 119, 242, 41

 255, 242, 255

 104, 242, 17

 94, 242, 0

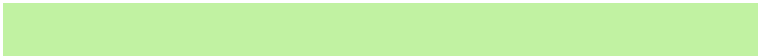
Harmonies

Analogous

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



240, 231, 143



193, 242, 162



140, 249, 199

Triad

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



193, 242, 162



122, 240, 255



255, 195, 213

Complementary

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



193, 242, 162



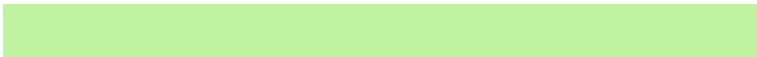
211, 162, 242

Split Complementary

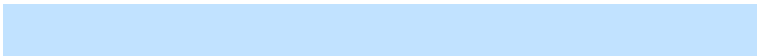
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 198, 255



193, 242, 162



193, 226, 255

Square

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



193, 242, 162



63, 248, 255



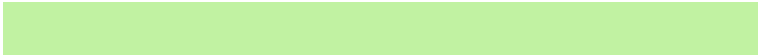
254, 211, 255



255, 202, 173

Rectangle

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



193, 242, 162



103, 251, 228



254, 211, 255



255, 195, 228

Sweetspot

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



193, 242, 162



239, 255, 230



242, 210, 162



118, 128, 112



0, 0, 0



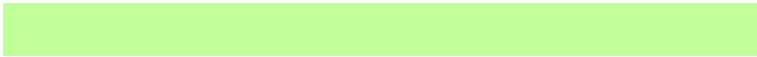
128, 128, 128

Same Dimension

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



193, 242, 162



193, 255, 153



162, 242, 170



113, 120, 108



71, 184, 0



22, 56, 0

Inverse Universe

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



211, 162, 242



215, 153, 255



242, 162, 234



115, 108, 120



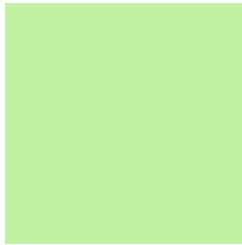
112, 0, 184



34, 0, 56

Previews

White Background



This preview shows how the RGB color 193, 242, 162 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 193, 242, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

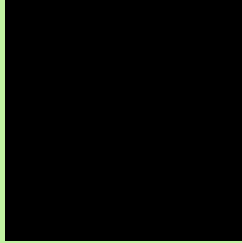
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

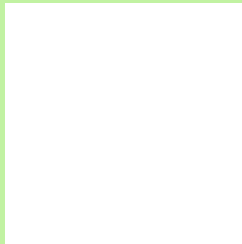
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 193, 242, 162 Background



This preview shows how black text looks on a background with the RGB color 193, 242, 162.



This preview shows how white text looks on a background with the RGB color 193, 242, 162.

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
206, 231, 249

Trichromacy



Original Color

193, 242, 162



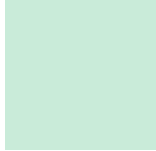
Protanomaly

227, 232, 158



Deuteranomaly

232, 229, 180



Tritanomaly

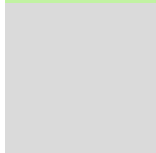
201, 235, 217

Monochromacy



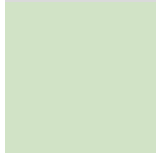
Original Color

193, 242, 162



Achromatopsia

218, 218, 218



Achromatomaly

209, 227, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 242, 162 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(193, 242, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 162)  
}
```

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(193, 242, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 162) }
```

Border

The CSS property to change the border of an element to RGB 193, 242, 162 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(193, 242, 162) }
```

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

```
.border{ border-color:rgb(193, 242, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 242, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 242, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 242, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 242,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 193, 242, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 162) }
```

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

```
.background{ background-color: rgb(193,  
242, 162) }
```

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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