

Converting Colors

`RYB(92, 237, 150)`

Have a look what the booklet for
RYB(92, 237, 150) contains.

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Color

RYB(92, 237, 150)

Conversions

Conversions Part 1

Format	Color
Hex	B3ED5C
RGB	179, 237, 92
RGB Percent	70%, 93%, 36%
CMY	0.2980, 0.0706, 0.6392
CMYK	0.24, 0.00, 0.61, 0.07
HSL	84°, 80%, 65%
HSV	84°, 61%, 93%
XYZ	50.8064, 70.9248, 21.1373
YIQ	203.1280, 11.9770, -57.3910

Conversions

Conversions Part 2

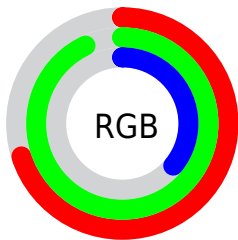
Format	Color
RYB	92, 237, 150
Decimal	11791708
CIELab	87.45, -40.11, 62.55
CIELCh	87, 74.311, 122.670
Yxy	70.9248, 0.3556, 0.4964
Android (android.graphics.Color)	4289981788 (0xFFB3ED5C)
YUV	203.1280, -54.7861, -21.1603
Hunter-Lab	84.2169, -39.6940, 44.0708

Details

The RYB color **92, 237, 150** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **150, 92, 237**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **147, 255, 164**, and **33, 181, 92** is the 20% darker color. If you saturate the color by 10%, you get **68, 237, 135**, and if you desaturate by 10%, it is **116, 237, 165**.

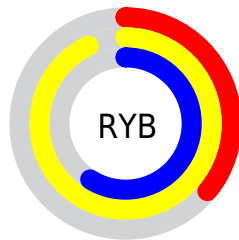
Distribution



Red (70%)

Green (93%)

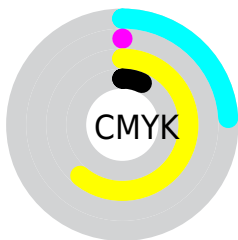
Blue (36%)



Red (36%)

Yellow (93%)

Blue (59%)

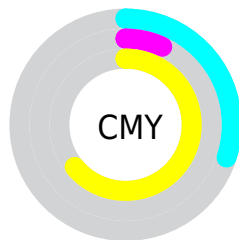


Cyan (24%)

Magenta (0%)

Yellow (61%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 237, 150 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 RYB color 92, 237, 150 by changing the saturation by 10% instead.

 92, 237, 150

 92, 237, 150


255, 255, 255

 64, 209, 123


 147, 255, 164

 33, 181, 92


 175, 255, 175

 0, 154, 60

 204, 255, 204

 0, 127, 61

 233, 255, 233

 0, 102, 65

 0, 77, 77

 0, 54, 54

 0, 33, 33

 0, 0, 0

■ 92, 237, 150

■ 92, 237, 150

■ 68, 237, 135

■ 116, 237, 165

■ 45, 237, 122

■ 139, 237, 178

■ 21, 237, 107

■ 163, 237, 193

■ 0, 237, 95

■ 187, 237, 207

■ 211, 237, 222

■ 234, 237, 235

■ 245, 237, 255

■ 255, 237, 255

Harmonies

Analogous

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



106, 251, 66



92, 237, 150



67, 192, 249

Triad

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



92, 237, 150



0, 124, 255



255, 154, 216

Complementary

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



92, 237, 150



150, 92, 237

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, 169, 255



92, 237, 150



64, 151, 255

Square

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



92, 237, 150



0, 127, 255



230, 198, 255



255, 169, 147

Rectangle

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



92, 237, 150



0, 141, 252



230, 198, 255



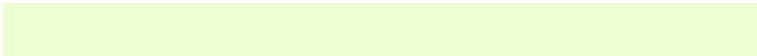
255, 156, 240

Sweetspot

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



92, 237, 150



209, 255, 227



237, 189, 92



99, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



92, 237, 150



69, 255, 143



92, 237, 222



106, 117, 110



0, 181, 72



0, 54, 22

Inverse Universe

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



150, 92, 237



143, 69, 255



223, 92, 237



110, 106, 117



72, 0, 181



21, 0, 54

Previews

White Background



This preview shows how the RYB color 92, 237, 150 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 RYB color 92, 237, 150 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](#).

RYB 92, 237, 150 Background



This preview shows how black text looks on a background with the RYB color 92, 237, 150.

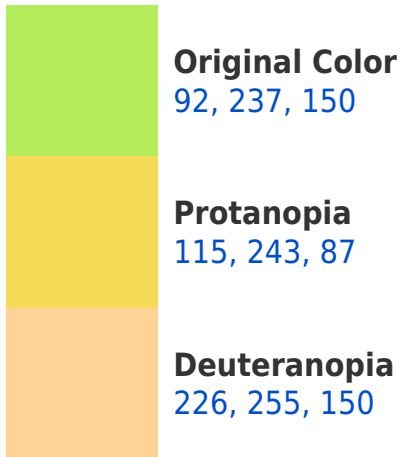


This preview shows how white text looks on a background with the RYB color 92, 237, 150.

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



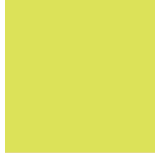


Tritanopia
198, 213, 240

Trichromacy



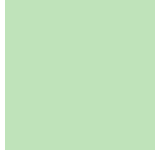
Original Color
92, 237, 150



Protanomaly
89, 226, 95



Deuteranomaly
137, 227, 129

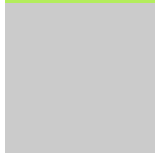


Tritanomaly
186, 227, 222

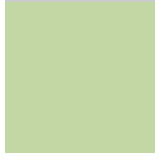
Monochromacy



Original Color
92, 237, 150



Achromatopsia
203, 203, 203



Achromatomaly
163, 215, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 237, 150 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(179, 237, 92)` looks like.

```
.text, #text, p{  
    color:rgb(179, 237, 92)  
}
```

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(179, 237, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 237, 92) }
```

Border

The CSS property to change the border of an element to RYB 92, 237, 150 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(179, 237, 92) }
```

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

```
.border{ border-color:rgb(179, 237, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 237, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 237, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 237, 92);  
box-shadow:4px 4px 4px 4px rgb(179, 237,  
92) }
```

Background

The CSS property to change the background color of an element to RGB 179, 237, 92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 237, 92) }
```

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

```
.background{ background-color: rgb(179,  
237, 92) }
```

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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