

Converting Colors

`RYB(93, 182, 134)`

Have a look what the booklet for
RYB(93, 182, 134) contains.

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Color

R_YB(93, 182, 134)

Conversions

Conversions Part 1

Format	Color
Hex	8DB65D
RGB	141, 182, 93
RGB Percent	55%, 71%, 36%
CMY	0.4471, 0.2863, 0.6353
CMYK	0.23, 0.00, 0.49, 0.29
HSL	88°, 38%, 54%
HSV	88°, 49%, 71%
XYZ	29.6882, 39.9089, 16.4944
YIQ	159.5950, 4.1330, -36.3710

Conversions

Conversions Part 2

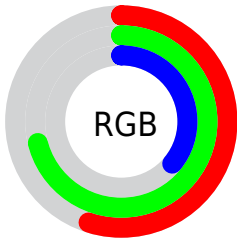
Format	Color
RYB	93, 182, 134
Decimal	9287261
CIELab	69.40, -28.87, 40.63
CIELCh	69, 49.848, 125.398
Yxy	39.9089, 0.3448, 0.4636
Android (android.graphics.Color)	4287477341 (0xFF8DB65D)
YUV	159.5950, -32.8313, -16.3078
Hunter-Lab	63.1735, -26.6680, 28.7410

Details

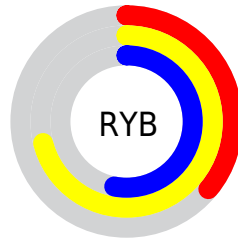
The RYB color **93, 182, 134** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **134, 93, 182**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **145, 238, 187**, and **43, 129, 84** is the 20% darker color. If you saturate the color by 10%, you get **75, 182, 124**, and if you desaturate by 10%, it is **111, 182, 144**.

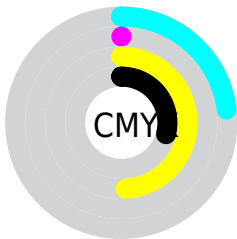
Distribution



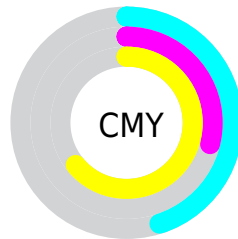
- Red (55%)
- Green (71%)
- Blue (36%)



- Red (36%)
- Yellow (71%)
- Blue (53%)



- Cyan (23%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)





- Cyan (45%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the RYB color 93, 182, 134 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 93, 182, 134 by changing the saturation by 10% instead.


 93, 182, 134

 93, 182, 134

255, 255, 255

 68, 155, 109

 145, 238, 187

 43, 129, 84

 172, 255, 202

 17, 104, 58


 200, 255, 201


 0, 79, 42


 228, 255, 228


 0, 56, 46

 0, 35, 35

 0, 0, 0

 93, 182, 134

 93, 182, 134

 75, 182, 124

 111, 182, 144

■ 57, 182, 115

■ 129, 182, 153

■ 38, 182, 104

■ 148, 182, 164

■ 20, 182, 95

■ 166, 182, 173

■ 2, 182, 85

■ 183, 182, 184

■ 0, 182, 84

■ 191, 182, 202

■ 200, 182, 220

■ 208, 182, 239

■ 216, 182, 255

Harmonies

Analogous

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



99, 189, 76



93, 182, 134



79, 155, 190

Triad

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



93, 182, 134



0, 106, 251



253, 131, 163

Complementary

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



93, 182, 134



134, 93, 182

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.



232, 138, 208



93, 182, 134



106, 152, 255

Square

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



93, 182, 134



0, 102, 221



184, 154, 243



250, 141, 119

Rectangle

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



93, 182, 134



0, 104, 192



184, 154, 243



249, 132, 178

Sweetspot

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



93, 182, 134



202, 237, 218



182, 166, 93



98, 120, 108



247, 247, 247



120, 120, 120

Same Dimension

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



93, 182, 134



97, 237, 161



93, 182, 178



83, 92, 87



0, 156, 72



0, 28, 13

Inverse Universe

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



134, 93, 182



162, 97, 237



178, 93, 182



87, 83, 92



72, 0, 156



13, 0, 28

Previews

White Background



This preview shows how the RYB color 93, 182, 134 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 93, 182, 134 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](#).

R Y B 93, 182, 134 Background



This preview shows how black text looks on a background with the RYB color 93, 182, 134.

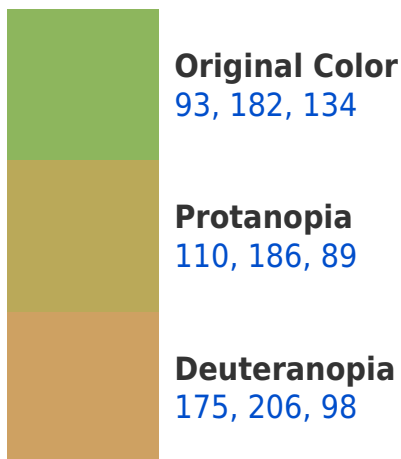


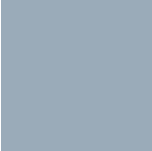
This preview shows how white text looks on a background with the RYB color 93, 182, 134.

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

154, 165, 185

Trichromacy



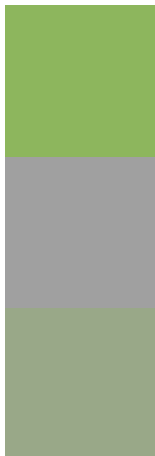
Original Color
93, 182, 134

Protanomaly
90, 174, 94

Deuteranomaly
111, 182, 96

Tritanomaly
149, 173, 176

Monochromacy



Original Color
93, 182, 134

Achromatopsia
160, 160, 160

Achromatomaly
136, 168, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 182, 134 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(141, 182, 93)` looks like.

```
.text, #text, p{  
    color:rgb(141, 182, 93)  
}
```

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(141, 182, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 182, 93) }
```

Border

The CSS property to change the border of an element to RYB 93, 182, 134 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(141, 182, 93) }
```

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

```
.border{ border-color:rgb(141, 182, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 182, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 182, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 182, 93);  
box-shadow:4px 4px 4px 4px rgb(141, 182,  
93) }
```

Background

The CSS property to change the background color of an element to RYB 93, 182, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 182, 93) }
```

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

```
.background{ background-color: rgb(141,  
182, 93) }
```

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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