Converting Colors

RYB(92, 250, 250)

Have a look what the booklet for RYB(92, 250, 250) contains.

Color

RYB(92, 250, 250)

Conversions

Conversions Part 1

Format	Color
Hex	5CFA5C
RGB	92, 250, 92
RGB Percent	36%, 98%, 36%
CMY	0.6392, 0.0196, 0.6392
CMYK	0.63, 0.00, 0.63, 0.02
HSL	120°, 94%, 67%
HSV	120°, 63%, 98%
XYZ	40.5310, 71.4192, 21.7743
YIQ	184.7460, -43.4500, -82.6340

Conversions

Conversions Part 2

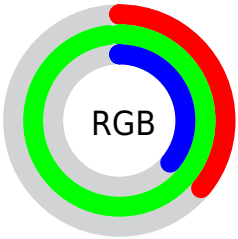
Format	Color
RYB	92, 250, 250
Decimal	6093404
CIELab	87.69, -70.59, 61.82
CIELCh	88, 93.829, 138.790
Yxy	71.4192, 0.3031, 0.5341
Android (android.graphics.Color)	4284283484 (0xFF5CFA5C)
YUV	184.7460, -45.7238, -81.3382
Hunter-Lab	84.5099, -62.2836, 43.8806

Details

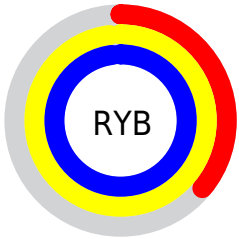
The RYB color 92, 250, 250 is a dark color, and the websafe version is hex 66FF66. The color can be described as middle muted green. A complement of this color would be 250, 92, 250, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 148, 255, 246, and 0, 165, 192 is the 20% darker color. If you saturate the color by 10%, you get 67, 250, 250, and if you desaturate by 10%, it is 117, 250, 250.

Distribution

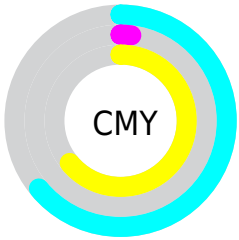


- Red (36%)
- Green (98%)
- Blue (36%)



- Red (36%)
- Yellow (98%)
- Blue (98%)

- Cyan (63%)
- Magenta (0%)
- Yellow (63%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 250, 250 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, 250, 250 by changing the saturation by 10% instead.

92, 250, 250

255, 255, 255

148, 255, 246

176, 255, 242

204, 255, 239

234, 255, 238

92, 250, 250

52, 210, 221

0, 165, 192

0, 164, 164

0, 137, 137

0, 110, 110

0, 84, 84

0, 60, 60

0, 34, 34

0, 0, 0

92, 250, 250

67, 250, 250

42, 250, 250

17, 250, 250

0, 250, 250

92, 250, 250

117, 250, 250

142, 250, 250

167, 250, 250

192, 250, 250

217, 250, 250

242, 250, 250

255, 250, 255

Harmonies

Analogous

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

0, 232, 23

92, 250, 250

0, 149, 255

Triad

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

92, 250, 250

0, 124, 255

255, 131, 168

Complementary

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

92, 250, 250

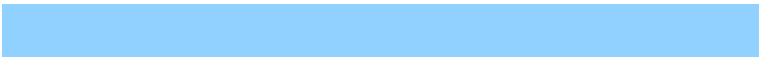
250, 92, 250

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, 132, 255

92, 250, 250



144, 185, 255

Square

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

92, 250, 250

0, 128, 255

255, 169, 255

255, 234, 86

Rectangle

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

92, 250, 250

0, 130, 255

255, 169, 255

255, 126, 197

Sweetspot

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

92, 250, 250

207, 255, 255

92, 250, 92

98, 128, 128

0, 0, 0

128, 128, 128

Same Dimension

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

92, 250, 250

61, 255, 255

92, 197, 250

112, 125, 125

0, 189, 189

0, 61, 61

Inverse Universe

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

250, 92, 250

255, 61, 255

250, 92, 171

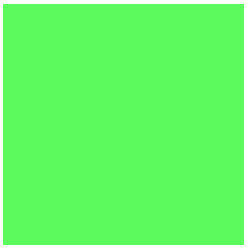
125, 112, 125

189, 0, 189

61, 0, 61

Previews

White Background

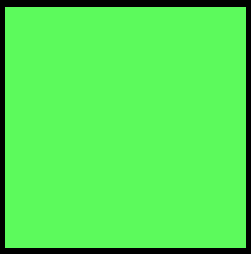


This preview shows how the RYB color 92, 250, 250 looks on a white background.

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, 250, 250 looks on a black background.

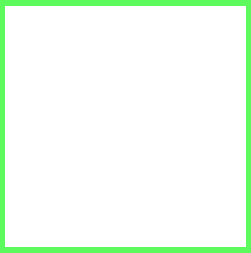
Color Contrast Check

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, 250, 250 Background

This preview shows how black text looks on a background with the RYB color 92, 250, 250.



This preview shows how white text looks on a background with the RYB color 92, 250, 250.

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

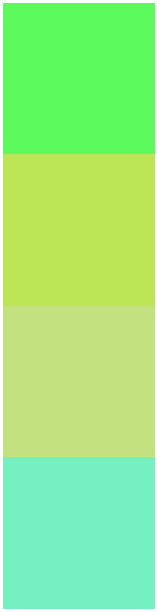
Original Color
92, 250, 250

Protanopia
113, 243, 83

Deuteranopia
224, 255, 149

Tritanopia
132, 187, 253

Trichromacy



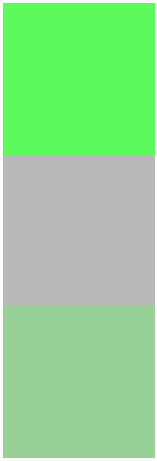
Original Color
92, 250, 250

Protanomaly
86, 230, 128

Deuteranomaly
128, 225, 157

Tritanomaly
117, 193, 240

Monochromacy



Original Color
92, 250, 250

Achromatopsia
185, 185, 185

Achromatomaly
151, 209, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 250, 250 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(92, 250, 92) looks like.

```
.text, #text, p{
    color:rgb(92, 250, 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(92, 250, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 250, 92) }
```

Border

The CSS property to change the border of an element to RYB 92, 250, 250 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(92, 250, 92) }
```

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

```
.border{ border-color:rgb(92, 250, 92) }
```

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

Here you see how a box with a 4 pixel rgb(92, 250, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 250, 92); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 250, 92); box-shadow:4px 4px 4px 4px rgb(92, 250, 92) }
```

Background

The CSS property to change the background color of an element to RYB 92, 250, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(92, 250, 92) }
```

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

```
.background{ background-color:rgb(92, 250,
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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