

Converting Colors

RGB(92, 225, 104)

Have a look what the booklet for
RGB(92, 225, 104) contains.

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Color

RGB(92, 225, 104)

Conversions

Conversions Part 1

Format	Color
Hex	5CE168
RGB	92, 225, 104
RGB Percent	36%, 88%, 41%
CMY	0.6392, 0.1176, 0.5922
CMYK	0.59, 0.00, 0.54, 0.12
HSL	125°, 69%, 62%
HSV	125°, 59%, 88%
XYZ	33.8375, 57.1252, 22.3396
YIQ	171.4390, -40.4270, -65.8270

Conversions

Conversions Part 2

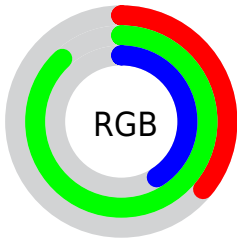
Format	Color
RYB	92, 214, 225
Decimal	6087016
CIELab	80.25, -60.50, 47.99
CIELCh	80, 77.222, 141.579
Yxy	57.1252, 0.2986, 0.5042
Android (android.graphics.Color)	4284277096 (0xFF5CE168)
YUV	171.4390, -33.2474, -69.6680
Hunter-Lab	75.5812, -52.3531, 35.3825

Details

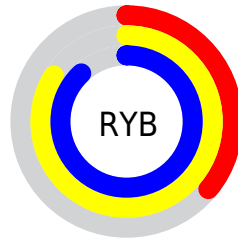
The RGB color **92, 225, 104** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **225, 92, 213**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **153, 255, 158**, and **0, 168, 52** is the 20% darker color. If you saturate the color by 10%, you get **70, 225, 84**, and if you desaturate by 10%, it is **115, 225, 124**.

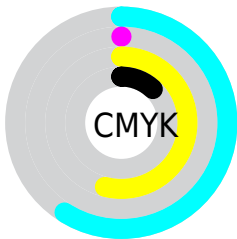
Distribution



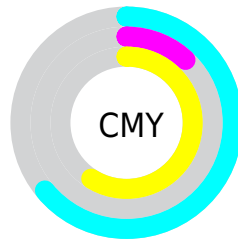
- Red (36%)
- Green (88%)
- Blue (41%)



- Red (36%)
- Yellow (84%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)



















- Cyan (64%)
- Magenta (12%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 225, 104 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 92, 225, 104 by changing the saturation by 10% instead.

 92, 225, 104	 92, 225, 104
 255, 255, 255	 58, 196, 78
 153, 255, 158	 0, 168, 52
 183, 255, 185	 0, 141, 23
 213, 255, 214	 0, 115, 0
 244, 255, 243	 0, 89, 0
	 0, 64, 0
	 0, 41, 0
	 0, 2, 0
	 0, 0, 0

 92, 225, 104

 92, 225, 104

 70, 225, 84

 115, 225, 124

 47, 225, 63

 137, 225, 145

 25, 225, 43

 160, 225, 165

 2, 225, 22

 182, 225, 186

 0, 225, 20

 205, 225, 206

 227, 225, 227

 250, 225, 247

 255, 225, 255

Harmonies

Analogous

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



185, 211, 47



92, 225, 104



0, 232, 176

Triad

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



92, 225, 104



0, 213, 255



255, 134, 150

Complementary

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



92, 225, 104



225, 92, 213

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, 223



92, 225, 104



161, 188, 255

Square

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



92, 225, 104



0, 228, 255



255, 157, 255



255, 159, 86

Rectangle

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



92, 225, 104



0, 233, 226



255, 157, 255



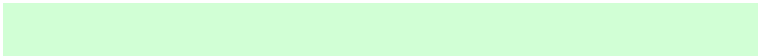
255, 129, 174

Sweetspot

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



92, 225, 104



209, 255, 213



214, 225, 92



99, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



92, 225, 104



74, 255, 90



92, 225, 170



101, 112, 102



0, 176, 16



0, 48, 4

Inverse Universe

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



225, 92, 213



255, 74, 239



225, 92, 147



112, 101, 111



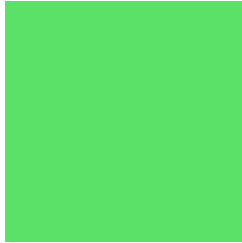
176, 0, 160



48, 0, 44

Previews

White Background



This preview shows how the RGB color 92, 225, 104 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 92, 225, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

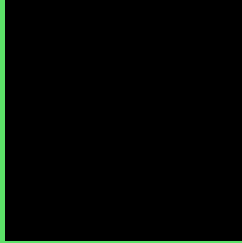
Any Text WCAG AA ✓ Pass

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 92, 225, 104 Background



This preview shows how black text looks on a background with the RGB color 92, 225, 104.

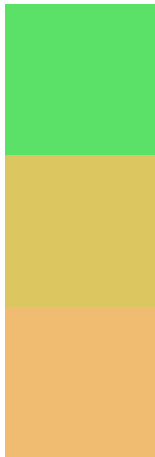


This preview shows how white text looks on a background with the RGB color 92, 225, 104.

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, 225, 104

Protanopia
219, 198, 95

Deuteranopia
240, 188, 114



Tritanopia
123, 212, 229

Trichromacy



Original Color

92, 225, 104



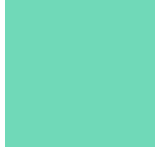
Protanomaly

173, 208, 98



Deuteranomaly

186, 201, 110



Tritanomaly

112, 217, 184

Monochromacy



Original Color

92, 225, 104



Achromatopsia

171, 171, 171



Achromatomaly

142, 191, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 225, 104 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, 225, 104)` looks like.

```
.text, #text, p{  
    color:rgb(92, 225, 104)  
}
```

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, 225, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 225, 104) }
```

Border

The CSS property to change the border of an element to RGB 92, 225, 104 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, 225, 104) }
```

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

```
.border{ border-color:rgb(92, 225, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 225, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 225, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 225, 104);  
box-shadow:4px 4px 4px 4px rgb(92, 225,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 92, 225, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 225, 104) }
```

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

```
.background{ background-color: rgb(92, 225,  
104) }
```

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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