

Converting Colors

RGB(140, 200, 100)

Have a look what the booklet for
RGB(140, 200, 100) contains.

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Color

RGB(140, 200, 100)

Conversions

Conversions Part 1

Format	Color
Hex	8CC864
RGB	140, 200, 100
RGB Percent	55%, 78%, 39%
CMY	0.4510, 0.2157, 0.6078
CMYK	0.30, 0.00, 0.50, 0.22
HSL	96°, 48%, 59%
HSV	96°, 50%, 78%
XYZ	33.7697, 47.8041, 19.5039
YIQ	170.6600, -3.6600, -43.8200

Conversions

Conversions Part 2

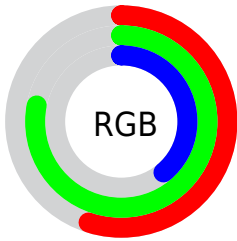
Format	Color
RYB	100, 200, 160
Decimal	9226340
CIELab	74.70, -36.82, 43.64
CIELCh	75, 57.098, 130.155
Yxy	47.8041, 0.3341, 0.4729
Android (android.graphics.Color)	4287416420 (0xFF8CC864)
YUV	170.6600, -34.8354, -26.8888
Hunter-Lab	69.1405, -33.8126, 31.6732

Details

The RGB color **140, 200, 100** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **160, 100, 200**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **196, 255, 153**, and **86, 146, 49** is the 20% darker color. If you saturate the color by 10%, you get **128, 200, 80**, and if you desaturate by 10%, it is **152, 200, 120**.

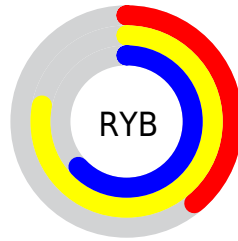
Distribution



Red (55%)

Green (78%)

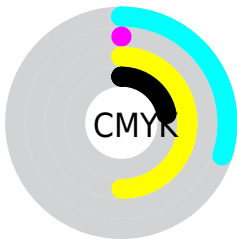
Blue (39%)



Red (39%)

Yellow (78%)

Blue (63%)

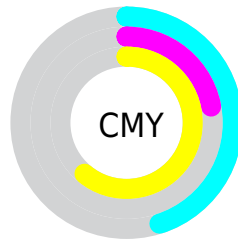


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 200, 100 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 140, 200, 100 by changing the saturation by 10% instead.

 140, 200, 100

255, 255, 255

 196, 255, 153

 225, 255, 180

 254, 255, 208


 255, 255, 237

 140, 200, 100

 113, 172, 74

 86, 146, 49

 59, 120, 22

 31, 94, 0

 0, 70, 0

 0, 47, 0

 0, 25, 0


 0, 0, 0

 140, 200, 100

 140, 200, 100

 128, 200, 80

 152, 200, 120

 116, 200, 60


 164, 200, 140

 104, 200, 40

 176, 200, 160

 92, 200, 20

 188, 200, 180

 80, 200, 0

 200, 200, 200

 212, 200, 220

 224, 200, 240

 236, 200, 255

 248, 200, 255

Harmonies

Analogous

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



197, 187, 75



140, 200, 100



53, 208, 146

Triad

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



140, 200, 100



0, 199, 255



255, 138, 168

Complementary

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



140, 200, 100



160, 100, 200

Split Complementary

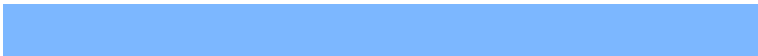
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 144, 221



140, 200, 100



124, 183, 255

Square

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



140, 200, 100



0, 208, 250



211, 163, 255



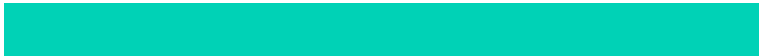
255, 149, 119

Rectangle

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



140, 200, 100



0, 210, 182



211, 163, 255



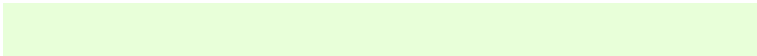
255, 138, 186

Sweetspot

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



140, 200, 100



232, 255, 217



200, 160, 100



114, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



140, 200, 100



163, 255, 102



100, 200, 108



93, 99, 90



65, 163, 0



14, 36, 0

Inverse Universe

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



160, 100, 200



194, 102, 255



200, 100, 190



95, 90, 99



98, 0, 163



21, 0, 36

Previews

White Background



This preview shows how the RGB color 140, 200, 100 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 140, 200, 100 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 140, 200, 100 Background



This preview shows how black text looks on a background with the RGB color 140, 200, 100.



This preview shows how white text looks on a background with the RGB color 140, 200, 100.

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](#).

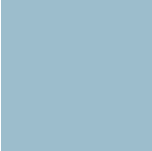
Dichromacy



Original Color
140, 200, 100

Protanopia
202, 183, 94

Deuteranopia
223, 175, 106



Tritanopia
156, 189, 204

Trichromacy



Original Color
140, 200, 100

Protanomaly
179, 189, 96

Deuteranomaly
193, 184, 104

Tritanomaly
150, 193, 166

Monochromacy



Original Color
140, 200, 100

Achromatopsia
171, 171, 171

Achromatomaly
160, 182, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 200, 100 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(140, 200, 100)` looks like.

```
.text, #text, p{  
    color:rgb(140, 200, 100)  
}
```

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(140, 200, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 200, 100) }
```

Border

The CSS property to change the border of an element to RGB 140, 200, 100 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(140, 200, 100) }
```

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

```
.border{ border-color:rgb(140, 200, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 200, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 200, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 200, 100);  
box-shadow:4px 4px 4px 4px rgb(140, 200,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 140, 200, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 200, 100) }
```

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

```
.background{ background-color: rgb(140,  
200, 100) }
```

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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