

Converting Colors

RGB(162, 196, 133)

Have a look what the booklet for
RGB(162, 196, 133) contains.

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Color

RGB(162, 196, 133)

Conversions

Conversions Part 1	
Format	Color
Hex	A2C485
RGB	162, 196, 133
RGB Percent	64%, 77%, 52%
CMY	0.3647, 0.2314, 0.4784
CMYK	0.17, 0.00, 0.32, 0.23
HSL	92°, 35%, 65%
HSV	92°, 32%, 77%
XYZ	38.8739, 48.8547, 29.5713
YIQ	178.6520, -0.0410, -26.8010

Conversions

Conversions Part 2

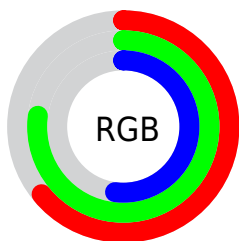
Format	Color
RYB	133, 196, 167
Decimal	10667141
CIELab	75.36, -22.65, 28.00
CIELCh	75, 36.015, 128.973
Yxy	48.8547, 0.3314, 0.4165
Android (android.graphics.Color)	4288857221 (0xFFA2C485)
YUV	178.6520, -22.5064, -14.6038
Hunter-Lab	69.8961, -23.0426, 23.8432

Details

The RGB color **162, 196, 133** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167, 133, 196**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **218, 253, 187**, and **109, 142, 83** is the 20% darker color. If you saturate the color by 10%, you get **151, 196, 113**, and if you desaturate by 10%, it is **173, 196, 153**.

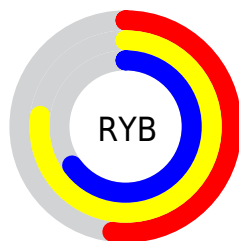
Distribution



Red (64%)

Green (77%)

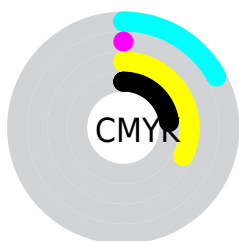
Blue (52%)



Red (52%)

Yellow (77%)

Blue (65%)

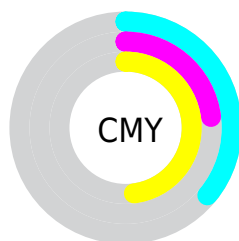


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 196, 133 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 162, 196, 133 by changing the saturation by 10% instead.

 162, 196, 133

255, 255, 255

 218, 253, 187

 246, 255, 214


 255, 255, 243

 162, 196, 133

 135, 169, 107

 109, 142, 83

 84, 116, 59

 60, 92, 36

 36, 68, 13


 15, 45, 0

 0, 27, 0


 0, 0, 0


 162, 196, 133

 162, 196, 133

 151, 196, 113


 173, 196, 153

 141, 196, 94

 183, 196, 172

 130, 196, 74

 194, 196, 192

 120, 196, 55


 204, 196, 211

 109, 196, 35

 215, 196, 231

 99, 196, 15

 225, 196, 251

 90, 196, 0

 236, 196, 255

 247, 196, 255

 255, 196, 255

Harmonies

Analogous

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



198, 187, 119



162, 196, 133



122, 202, 161

Triad

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



162, 196, 133



103, 195, 247



251, 160, 177

Complementary

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



162, 196, 133



167, 133, 196

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.



236, 164, 210



162, 196, 133



156, 185, 251

Square

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



162, 196, 133



68, 202, 226



203, 173, 237



247, 165, 145

Rectangle

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



162, 196, 133



95, 204, 183



203, 173, 237



248, 160, 188

Sweetspot

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



162, 196, 133



241, 255, 230



196, 167, 133



119, 128, 112



0, 0, 0



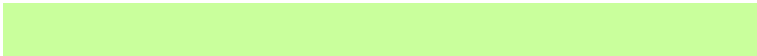
128, 128, 128

Same Dimension

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



162, 196, 133



201, 255, 156



133, 196, 135



92, 97, 87



74, 161, 0



15, 33, 0

Inverse Universe

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



167, 133, 196



209, 156, 255



196, 133, 194



92, 87, 97



87, 0, 161



18, 0, 33

Previews

White Background



This preview shows how the RGB color 162, 196, 133 looks on a white background.

Color Contrast Check

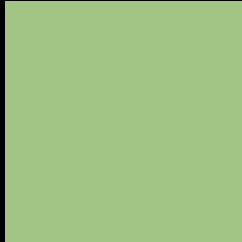
Large Text (above 18pt) WCAG AA × Fail

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 162, 196, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

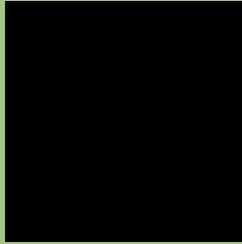
Any Text WCAG AA ✓ Pass

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 162, 196, 133 Background



This preview shows how black text looks on a background with the RGB color 162, 196, 133.



This preview shows how white text looks on a background with the RGB color 162, 196, 133.

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

162, 196, 133

Protanopia

200, 185, 128

Deuteranopia



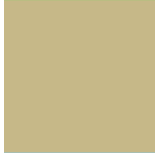

219, 177, 137




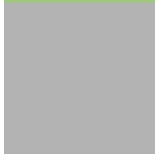
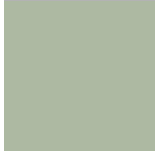
Tritanopia

172, 187, 202

Trichromacy

	Original Color 162, 196, 133
	Protanomaly 186, 189, 130
	Deuteranomaly 198, 184, 136
	Tritanomaly 168, 190, 177

Monochromacy

	Original Color 162, 196, 133
	Achromatopsia 179, 179, 179
	Achromatomaly 173, 185, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 196, 133 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(162, 196, 133)` looks like.

```
.text, #text, p{  
    color:rgb(162, 196, 133)  
}
```

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(162, 196, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 196, 133) }
```

Border

The CSS property to change the border of an element to RGB 162, 196, 133 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(162, 196, 133) }
```

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

```
.border{ border-color:rgb(162, 196, 133) }
```

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

Here you see how a box with a 4 pixel rgb(162, 196, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 196, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 196, 133);  
box-shadow:4px 4px 4px 4px rgb(162, 196,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 162, 196, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 196, 133) }
```

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

```
.background{ background-color: rgb(162,  
196, 133) }
```

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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