

Converting Colors

RGB(100, 167, 140)

Have a look what the booklet for
RGB(100, 167, 140) contains.

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Color

RGB(100, 167, 140)

Conversions

Conversions Part 1

Format	Color
Hex	64A78C
RGB	100, 167, 140
RGB Percent	39%, 65%, 55%
CMY	0.6078, 0.3451, 0.4510
CMYK	0.40, 0.00, 0.16, 0.35
HSL	156°, 28%, 52%
HSV	156°, 40%, 65%
XYZ	23.8079, 32.2402, 29.7791
YIQ	143.8890, -31.2650, -22.6010

Conversions

Conversions Part 2

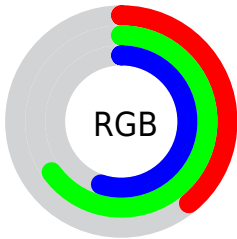
Format	Color
RYB	100, 142, 167
Decimal	6596492
CIELab	63.54, -27.66, 7.32
CIELCh	64, 28.616, 165.184
Yxy	32.2402, 0.2774, 0.3756
Android (android.graphics.Color)	4284786572 (0xFF64A78C)
YUV	143.8890, -1.9173, -38.4907
Hunter-Lab	56.7805, -24.5213, 8.6511

Details

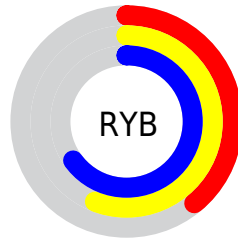
The RGB color **100, 167, 140** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **167, 100, 127**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **154, 222, 194**, and **48, 115, 90** is the 20% darker color. If you saturate the color by 10%, you get **83, 167, 133**, and if you desaturate by 10%, it is **117, 167, 147**.

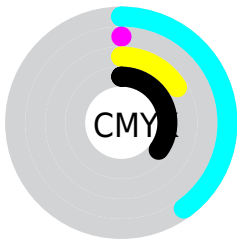
Distribution



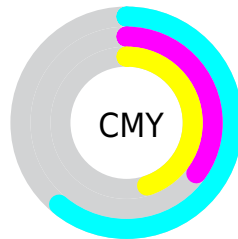
- Red (39%)
- Green (65%)
- Blue (55%)



- Red (39%)
- Yellow (56%)
- Blue (65%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (61%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 167, 140 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 100, 167, 140 by changing the saturation by 10% instead.

 100, 167, 140


255, 255, 255


 154, 222, 194


 181, 251, 221

 210, 255, 250


 238, 255, 255

 100, 167, 140

 74, 140, 115

 48, 115, 90

 18, 90, 67


 0, 66, 44


 0, 43, 24


 0, 21, 0


 0, 0, 0

 100, 167, 140


 83, 167, 133


 100, 167, 140


 117, 167, 147

 67, 167, 127


 133, 167, 153

 50, 167, 120

 150, 167, 160


 33, 167, 113

 167, 167, 167

 17, 167, 106


 183, 167, 174

 0, 167, 100

 200, 167, 180

 217, 167, 187

 234, 167, 194

 250, 167, 201

Harmonies

Analogous

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



130, 163, 117



100, 167, 140



75, 168, 166

Triad

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



100, 167, 140



140, 152, 203



200, 140, 119

Complementary

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



100, 167, 140



167, 100, 127

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.



205, 135, 142



100, 167, 140



173, 143, 190

Square

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



100, 167, 140



101, 160, 203



196, 136, 168



183, 148, 105

Rectangle

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



100, 167, 140



70, 167, 182



196, 136, 168



203, 138, 126

Sweetspot

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



100, 167, 140



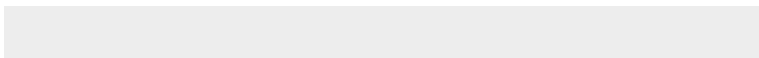
191, 217, 206



128, 167, 100



94, 110, 103



237, 237, 237



110, 110, 110

Same Dimension

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



100, 167, 140



113, 217, 175



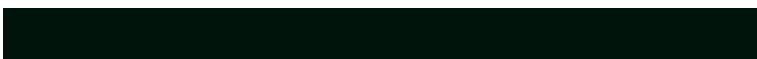
100, 161, 167



76, 84, 81



0, 148, 88



0, 20, 12

Inverse Universe

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



167, 100, 127



217, 113, 155



167, 106, 100



84, 76, 79



148, 0, 60



20, 0, 8

Previews

White Background



This preview shows how the RGB color 100, 167, 140 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 100, 167, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

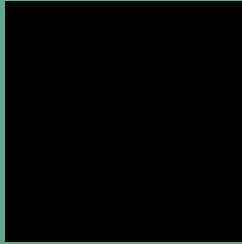
Any Text WCAG AA ✓ Pass

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 100, 167, 140 Background



This preview shows how black text looks on a background with the RGB color 100, 167, 140.

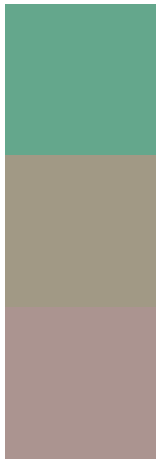


This preview shows how white text looks on a background with the RGB color 100, 167, 140.

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
100, 167, 140

Protanopia
161, 153, 133

Deuteranopia
171, 148, 144



Tritanopia
109, 162, 175

Trichromacy



Original Color
100, 167, 140

Protanomaly
139, 158, 136

Deuteranomaly
145, 155, 143

Tritanomaly
106, 164, 162

Monochromacy



Original Color
100, 167, 140

Achromatopsia
144, 144, 144

Achromatomaly
128, 152, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 167, 140 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(100, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(100, 167, 140)  
}
```

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(100, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 167, 140) }
```

Border

The CSS property to change the border of an element to RGB 100, 167, 140 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(100, 167, 140) }
```

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

```
.border{ border-color:rgb(100, 167, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 167, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(100, 167,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 100, 167, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 167, 140) }
```

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

```
.background{ background-color: rgb(100,  
167, 140) }
```

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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