

Converting Colors

RGB(112, 160, 137)

Have a look what the booklet for
RGB(112, 160, 137) contains.

RGB(112, 160, 137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(112, 160, 137)

Conversions

Conversions Part 1

Format	Color
Hex	70A089
RGB	112, 160, 137
RGB Percent	44%, 63%, 54%
CMY	0.5608, 0.3725, 0.4627
CMYK	0.30, 0.00, 0.14, 0.37
HSL	151°, 20%, 53%
HSV	151°, 30%, 63%
XYZ	23.7683, 30.3925, 28.2805
YIQ	143.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

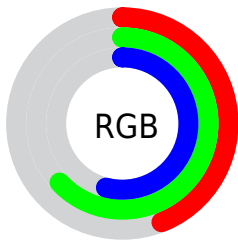
Format	Color
RYB	112, 144, 160
Decimal	7381129
CIELab	61.99, -21.16, 6.86
CIELCh	62, 22.246, 162.034
Yxy	30.3925, 0.2883, 0.3687
Android (android.graphics.Color)	4285571209 (0xFF70A089)
YUV	143.0260, -2.9708, -27.2098
Hunter-Lab	55.1294, -19.5187, 8.1757

Details

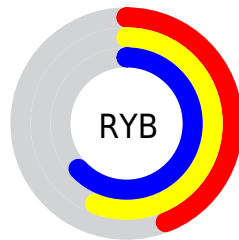
The RGB color **112, 160, 137** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **160, 112, 135**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **165, 215, 190**, and **62, 108, 87** is the 20% darker color. If you saturate the color by 10%, you get **96, 160, 129**, and if you desaturate by 10%, it is **128, 160, 145**.

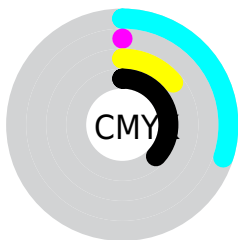
Distribution



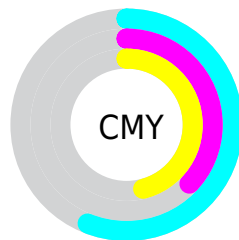
- Red (44%)
- Green (63%)
- Blue (54%)



- Red (44%)
- Yellow (56%)
- Blue (63%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (56%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 160, 137 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 112, 160, 137 by changing the saturation by 10% instead.

 112, 160, 137


255, 255, 255


 165, 215, 190

 192, 243, 218

 221, 255, 247

 249, 255, 255

 112, 160, 137

 87, 134, 112

 62, 108, 87

 38, 84, 64


 12, 60, 42


 0, 38, 21

 0, 13, 0


 0, 0, 0

 112, 160, 137


 96, 160, 129


 112, 160, 137


 128, 160, 145


 80, 160, 122


 144, 160, 152


 64, 160, 114

 160, 160, 160

 48, 160, 106


 176, 160, 168

 32, 160, 99


 192, 160, 175

 16, 160, 91

 208, 160, 183

 0, 160, 83

 224, 160, 191

 240, 160, 198

 255, 160, 206

Harmonies

Analogous

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



134, 157, 120



112, 160, 137



96, 161, 157

Triad

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



112, 160, 137



137, 149, 188



187, 139, 124

Complementary

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



112, 160, 137



160, 112, 135

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.



190, 136, 142



112, 160, 137



163, 142, 179

Square

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



112, 160, 137



110, 155, 187



182, 137, 162



175, 144, 113

Rectangle

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



112, 160, 137



92, 160, 170



182, 137, 162



189, 137, 130

Sweetspot

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



112, 160, 137



190, 209, 200



135, 160, 112



93, 105, 99



232, 232, 232



105, 105, 105

Same Dimension

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



112, 160, 137



134, 209, 173



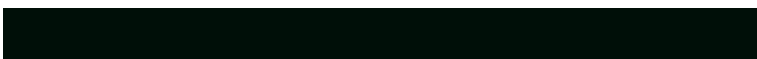
112, 159, 160



71, 79, 75



0, 143, 74



0, 15, 8

Inverse Universe

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



160, 112, 135



209, 134, 170



160, 113, 112



79, 71, 75



143, 0, 68



15, 0, 7

Previews

White Background



This preview shows how the RGB color 112, 160, 137 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 112, 160, 137 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 112, 160, 137 Background



This preview shows how black text looks on a background with the RGB color 112, 160, 137.



This preview shows how white text looks on a background with the RGB color 112, 160, 137.

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
112, 160, 137

Protanopia
156, 149, 131

Deuteranopia
167, 144, 140



Tritanopia
118, 156, 168

Trichromacy



Original Color

112, 160, 137

Protanomaly

140, 153, 133

Deuteranomaly

147, 150, 139

Tritanomaly

116, 157, 157

Monochromacy



Original Color

112, 160, 137

Achromatopsia

143, 143, 143

Achromatomaly

132, 149, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 160, 137 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(112, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(112, 160, 137)  
}
```

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(112, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 160, 137) }
```

Border

The CSS property to change the border of an element to RGB 112, 160, 137 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(112, 160, 137) }
```

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

```
.border{ border-color:rgb(112, 160, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 160, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(112, 160,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 112, 160, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 160, 137) }
```

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

```
.background{ background-color: rgb(112,  
160, 137) }
```

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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