

Converting Colors

RGB(135, 172, 152)

Have a look what the booklet for
RGB(135, 172, 152) contains.

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Color

RGB(135, 172, 152)

Conversions

Conversions Part 1

Format	Color
Hex	87AC98
RGB	135, 172, 152
RGB Percent	53%, 67%, 60%
CMY	0.4706, 0.3255, 0.4039
CMYK	0.22, 0.00, 0.12, 0.33
HSL	148°, 18%, 60%
HSV	148°, 22%, 67%
XYZ	30.4117, 36.9229, 35.2297
YIQ	158.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

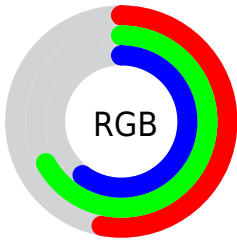
Format	Color
RYB	135, 160, 172
Decimal	8891544
CIELab	67.22, -16.72, 6.18
CIELCh	67, 17.826, 159.720
Yxy	36.9229, 0.2965, 0.3600
Android (android.graphics.Color)	4287081624 (0xFF87AC98)
YUV	158.6570, -3.2819, -20.7472
Hunter-Lab	60.7643, -17.0006, 8.1600

Details

The RGB color **135, 172, 152** is a light color, and the websafe version is hex **669999**. A complement of this color would be **172, 135, 155**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **189, 227, 206**, and **84, 120, 101** is the 20% darker color. If you saturate the color by 10%, you get **118, 172, 143**, and if you desaturate by 10%, it is **152, 172, 161**.

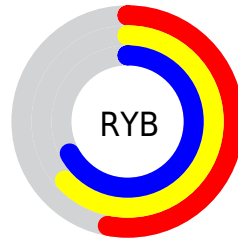
Distribution



Red (53%)

Green (67%)

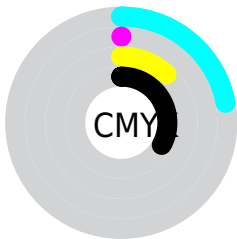
Blue (60%)



Red (53%)

Yellow (63%)

Blue (67%)

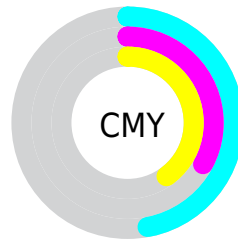


Cyan (22%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 172, 152 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 135, 172, 152 by changing the saturation by 10% instead.

 135, 172, 152


255, 255, 255


 189, 227, 206


 217, 255, 234

 245, 255, 255

 135, 172, 152

 109, 145, 126

 84, 120, 101

 61, 95, 77

 38, 71, 54

 15, 48, 33


 0, 28, 11


 0, 0, 0

 135, 172, 152


 118, 172, 143

 135, 172, 152


 152, 172, 161

 101, 172, 133


 169, 172, 171


 83, 172, 124


 187, 172, 180

 66, 172, 115

 204, 172, 189

 49, 172, 106


 221, 172, 198

 32, 172, 96

 238, 172, 208

 15, 172, 87

 255, 172, 217

 0, 172, 79

 255, 172, 226

 255, 172, 236

Harmonies

Analogous

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



153, 169, 139



135, 172, 152



123, 173, 168

Triad

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



135, 172, 152



152, 163, 195



195, 154, 144

Complementary

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



135, 172, 152



172, 135, 155

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.



197, 152, 159



135, 172, 152



173, 158, 188

Square

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



135, 172, 152



133, 168, 193



189, 154, 175



186, 159, 134

Rectangle

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



135, 172, 152



120, 172, 179



189, 154, 175



197, 153, 148

Sweetspot

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



135, 172, 152



211, 224, 217



155, 172, 135



104, 112, 108



240, 240, 240



112, 112, 112

Same Dimension

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



135, 172, 152



166, 224, 193



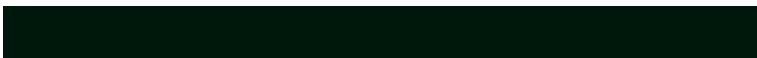
135, 172, 170



78, 87, 82



0, 150, 69



0, 23, 11

Inverse Universe

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



172, 135, 155



224, 166, 198



172, 135, 137



87, 78, 83



150, 0, 81



23, 0, 12

Previews

White Background



This preview shows how the RGB color 135, 172, 152 looks on a white background.

Color Contrast Check

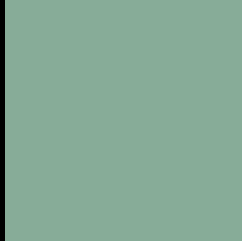
Large Text (above 18pt) WCAG AA × Fail

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 135, 172, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

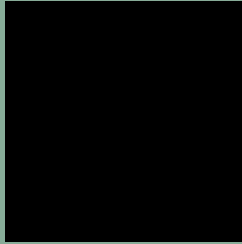
Any Text WCAG AA ✓ Pass

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 135, 172, 152 Background



This preview shows how black text looks on a background with the RGB color 135, 172, 152.

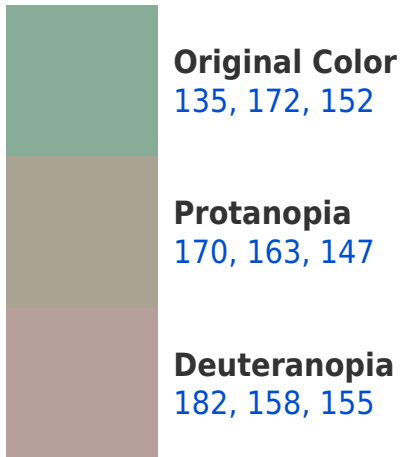


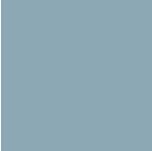
This preview shows how white text looks on a background with the RGB color 135, 172, 152.

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





Tritanopia
140, 168, 181

Trichromacy



Original Color
135, 172, 152

Protanomaly
157, 166, 149

Deuteranomaly
165, 163, 154

Tritanomaly
138, 169, 170

Monochromacy



Original Color
135, 172, 152

Achromatopsia
159, 159, 159

Achromatomaly
150, 164, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 172, 152 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(135, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(135, 172, 152)  
}
```

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(135, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 172, 152) }
```

Border

The CSS property to change the border of an element to RGB 135, 172, 152 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(135, 172, 152) }
```

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

```
.border{ border-color:rgb(135, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(135, 172,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 135, 172, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 172, 152) }
```

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

```
.background{ background-color: rgb(135,  
172, 152) }
```

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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