

Converting Colors

RGB(113, 179, 146)

Have a look what the booklet for
RGB(113, 179, 146) contains.

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Color

RGB(113, 179, 146)

Conversions

Conversions Part 1

Format	Color
Hex	71B392
RGB	113, 179, 146
RGB Percent	44%, 70%, 57%
CMY	0.5569, 0.2980, 0.4275
CMYK	0.37, 0.00, 0.18, 0.30
HSL	150°, 30%, 57%
HSV	150°, 37%, 70%
XYZ	28.1185, 37.8262, 33.0133
YIQ	155.5040, -28.7430, -24.2550

Conversions

Conversions Part 2

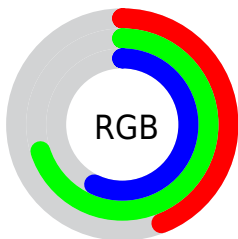
Format	Color
RYB	113, 157, 179
Decimal	7451538
CIELab	67.89, -28.44, 10.28
CIELCh	68, 30.245, 160.128
Yxy	37.8262, 0.2841, 0.3822
Android (android.graphics.Color)	4285641618 (0xFF71B392)
YUV	155.5040, -4.6855, -37.2760
Hunter-Lab	61.5030, -26.0222, 11.2267

Details

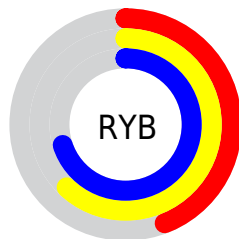
The RGB color **113, 179, 146** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 113, 146**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **167, 235, 200**, and **61, 126, 95** is the 20% darker color. If you saturate the color by 10%, you get **95, 179, 137**, and if you desaturate by 10%, it is **131, 179, 155**.

Distribution



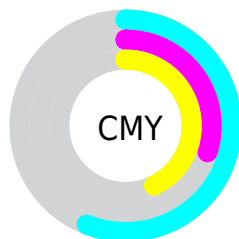
- Red (44%)
- Green (70%)
- Blue (57%)



- Red (44%)
- Yellow (62%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 179, 146 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 113, 179, 146 by changing the saturation by 10% instead.

 113, 179, 146

255, 255, 255


 167, 235, 200

 195, 255, 228


 223, 255, 255


253, 255, 255

 113, 179, 146

 95, 179, 137

 113, 179, 146

 87, 152, 120

 61, 126, 95

 34, 101, 72

 0, 76, 49


 0, 53, 28

 0, 33, 2


 0, 0, 0

 113, 179, 146


 131, 179, 155

 77, 179, 128


 149, 179, 164

 59, 179, 119


 167, 179, 173


 41, 179, 110


 185, 179, 182

 23, 179, 101

 203, 179, 191

 6, 179, 92

 220, 179, 200

 0, 179, 90

 238, 179, 209

 255, 179, 218

 255, 179, 227

Harmonies

Analogous

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



145, 174, 123



113, 179, 146



85, 181, 174

Triad

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



113, 179, 146



143, 165, 219



216, 149, 132

Complementary

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



113, 179, 146



179, 113, 146

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.



220, 145, 157



113, 179, 146



181, 155, 207

Square

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



113, 179, 146



103, 173, 216



208, 147, 185



200, 157, 115

Rectangle

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



113, 179, 146



76, 180, 192



208, 147, 185



219, 147, 139

Sweetspot

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



113, 179, 146



207, 232, 219



146, 179, 113



102, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



113, 179, 146



130, 232, 181



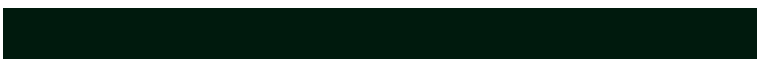
113, 179, 179



80, 89, 85



0, 153, 77



0, 26, 13

Inverse Universe

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



179, 113, 146



232, 130, 181



179, 113, 113



89, 80, 85



153, 0, 77



26, 0, 13

Previews

White Background



This preview shows how the RGB color 113, 179, 146 looks on a white background.

Color Contrast Check

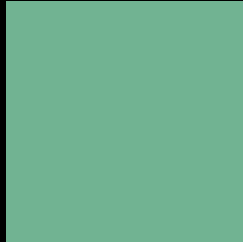
Large Text (above 18pt) WCAG AA × Fail

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 113, 179, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

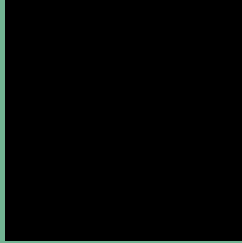
Any Text WCAG AA ✓ Pass

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 113, 179, 146 Background



This preview shows how black text looks on a background with the RGB color 113, 179, 146.

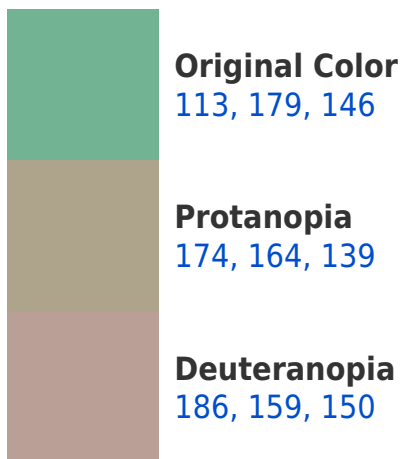



This preview shows how white text looks on a background with the RGB color 113, 179, 146.

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
122, 173, 187

Trichromacy



Original Color

113, 179, 146



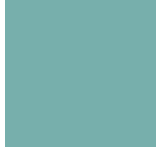
Protanomaly

152, 169, 142



Deuteranomaly

159, 166, 149



Tritanomaly

119, 175, 172

Monochromacy



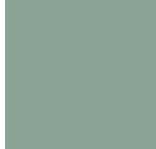
Original Color

113, 179, 146



Achromatopsia

156, 156, 156



Achromatomaly

140, 164, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 179, 146 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(113, 179, 146)` looks like.

```
.text, #text, p{  
    color:rgb(113, 179, 146)  
}
```

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(113, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 179, 146) }
```

Border

The CSS property to change the border of an element to RGB 113, 179, 146 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(113, 179, 146) }
```

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

```
.border{ border-color:rgb(113, 179, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 179, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 179, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 179, 146);  
box-shadow:4px 4px 4px 4px rgb(113, 179,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 113, 179, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 179, 146) }
```

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

```
.background{ background-color: rgb(113,  
179, 146) }
```

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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