

Converting Colors

RGB(145, 175, 113)

Have a look what the booklet for
RGB(145, 175, 113) contains.

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Color

RGB(145, 175, 113)

Conversions

Conversions Part 1

Format	Color
Hex	91AF71
RGB	145, 175, 113
RGB Percent	57%, 69%, 44%
CMY	0.4314, 0.3137, 0.5569
CMYK	0.17, 0.00, 0.35, 0.31
HSL	89°, 28%, 56%
HSV	89°, 35%, 69%
XYZ	29.9877, 37.8719, 21.3523
YIQ	158.9620, 2.0220, -25.6420

Conversions

Conversions Part 2

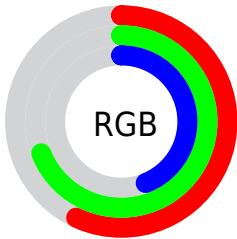
Format	Color
RYB	113, 175, 143
Decimal	9547633
CIELab	67.93, -21.36, 28.50
CIELCh	68, 35.622, 126.853
Yxy	37.8719, 0.3361, 0.4245
Android (android.graphics.Color)	4287737713 (0xFF91AF71)
YUV	158.9620, -22.6593, -12.2447
Hunter-Lab	61.5402, -20.7148, 22.5066

Details

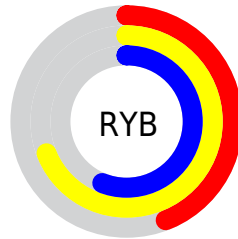
The RGB color **145, 175, 113** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **143, 113, 175**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **200, 231, 165**, and **93, 122, 64** is the 20% darker color. If you saturate the color by 10%, you get **137, 175, 96**, and if you desaturate by 10%, it is **153, 175, 131**.

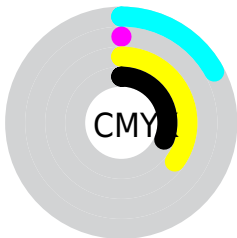
Distribution



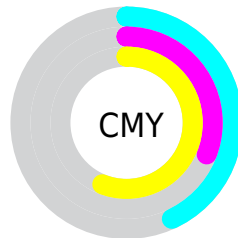
- Red (57%)
- Green (69%)
- Blue (44%)



- Red (44%)
- Yellow (69%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (43%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 175, 113 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 145, 175, 113 by changing the saturation by 10% instead.

 145, 175, 113

255, 255, 255

 200, 231, 165

 228, 255, 193

 255, 255, 221


 255, 255, 250

 145, 175, 113

 119, 148, 88

 93, 122, 64

 69, 97, 41

 45, 73, 18

 23, 51, 0

 0, 31, 0


 0, 0, 0

 145, 175, 113


 137, 175, 96


 145, 175, 113


 153, 175, 131

 128, 175, 78


 162, 175, 148

 120, 175, 60


 170, 175, 166


 111, 175, 43


 179, 175, 183

 103, 175, 25

 187, 175, 201


 94, 175, 8

 196, 175, 218

 90, 175, 0

 204, 175, 235

 213, 175, 253

 221, 175, 255

Harmonies

Analogous

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



180, 166, 101



145, 175, 113



106, 181, 139

Triad

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



145, 175, 113



77, 176, 224



228, 141, 159

Complementary

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



145, 175, 113



143, 113, 175

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.



212, 144, 191



145, 175, 113



132, 166, 229

Square

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



145, 175, 113



38, 181, 203



179, 155, 217



225, 145, 129

Rectangle

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



145, 175, 113



78, 183, 161



179, 155, 217



225, 141, 170

Sweetspot

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



145, 175, 113



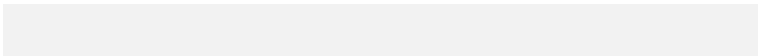
215, 227, 202



175, 143, 113



108, 115, 100



242, 242, 242



115, 115, 115

Same Dimension

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



145, 175, 113



180, 227, 129



114, 175, 113



83, 87, 78



78, 150, 0



12, 23, 0

Inverse Universe

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



143, 113, 175



177, 129, 227



174, 113, 175



82, 78, 87



73, 0, 150



11, 0, 23

Previews

White Background



This preview shows how the RGB color 145, 175, 113 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 145, 175, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

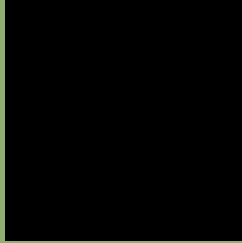
Any Text WCAG AA ✓ Pass

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 145, 175, 113 Background



This preview shows how black text looks on a background with the RGB color 145, 175, 113.

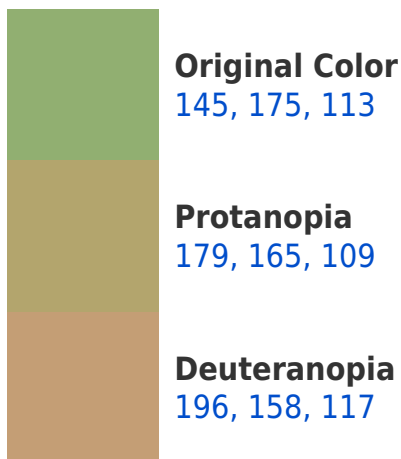


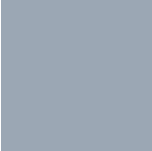
This preview shows how white text looks on a background with the RGB color 145, 175, 113.

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
155, 167, 180

Trichromacy



Original Color

145, 175, 113

Protanomaly

167, 169, 110

Deuteranomaly

177, 164, 116

Tritanomaly

151, 170, 156

Monochromacy



Original Color

145, 175, 113

Achromatopsia

159, 159, 159

Achromatomaly

154, 165, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 175, 113 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(145, 175, 113)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 113)  
}
```

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(145, 175, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 113) }
```

Border

The CSS property to change the border of an element to RGB 145, 175, 113 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(145, 175, 113) }
```

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

```
.border{ border-color:rgb(145, 175, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 113);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 145, 175, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 175, 113) }
```

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

```
.background{ background-color: rgb(145,  
175, 113) }
```

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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