

Converting Colors

RGB(106, 182, 115)

Have a look what the booklet for
RGB(106, 182, 115) contains.

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Color

RGB(106, 182, 115)

Conversions

Conversions Part 1

Format	Color
Hex	6AB673
RGB	106, 182, 115
RGB Percent	42%, 71%, 45%
CMY	0.5843, 0.2863, 0.5490
CMYK	0.42, 0.00, 0.37, 0.29
HSL	127°, 34%, 56%
HSV	127°, 42%, 71%
XYZ	25.7663, 37.7579, 22.1496
YIQ	151.6380, -23.7890, -36.9490

Conversions

Conversions Part 2

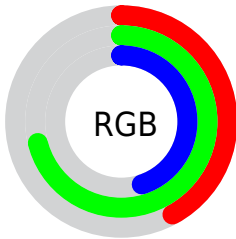
Format	Color
RYB	106, 174, 182
Decimal	6993523
CIELab	67.84, -37.79, 26.93
CIElCh	68, 46.402, 144.524
Yxy	37.7579, 0.3007, 0.4407
Android (android.graphics.Color)	4285183603 (0xFF6AB673)
YUV	151.6380, -18.0625, -40.0245
Hunter-Lab	61.4474, -32.6839, 21.6413

Details

The RGB color **106, 182, 115** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **182, 106, 173**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **161, 238, 168**, and **52, 128, 66** is the 20% darker color. If you saturate the color by 10%, you get **88, 182, 99**, and if you desaturate by 10%, it is **124, 182, 131**.

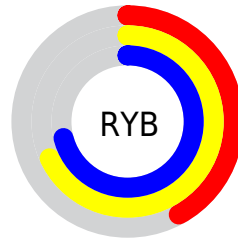
Distribution



Red (42%)

Green (71%)

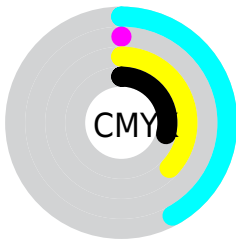
Blue (45%)



Red (42%)

Yellow (68%)

Blue (71%)

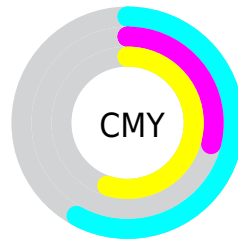


Cyan (42%)

Magenta (0%)

Yellow (37%)

Black (29%)



Cyan (58%)

Magenta (29%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 182, 115 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 106, 182, 115 by changing the saturation by 10% instead.

 106, 182, 115


255, 255, 255


 161, 238, 168


 189, 255, 195


 217, 255, 223

 246, 255, 252

 106, 182, 115

 79, 155, 90

 52, 128, 66

 21, 103, 43

 0, 78, 20


 0, 54, 0


 0, 34, 0


 0, 0, 0


 106, 182, 115


 88, 182, 99


 106, 182, 115


 124, 182, 131

 70, 182, 83

 142, 182, 147


 51, 182, 67


 161, 182, 163

 33, 182, 51


 179, 182, 179


 15, 182, 35

 197, 182, 195

 0, 182, 22

 215, 182, 211

 233, 182, 227

 252, 182, 243

 255, 182, 255

Harmonies

Analogous

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



156, 173, 86



106, 182, 115



14, 186, 156

Triad

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



106, 182, 115



74, 172, 248



244, 133, 133

Complementary

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



106, 182, 115



182, 106, 173

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.



239, 131, 175



106, 182, 115



157, 157, 241

Square

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



106, 182, 115



0, 182, 233



210, 141, 214



229, 145, 98

Rectangle

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



106, 182, 115



0, 187, 185



210, 141, 214



245, 131, 146

Sweetspot

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



106, 182, 115



206, 237, 210



173, 182, 106



101, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



106, 182, 115



119, 237, 133



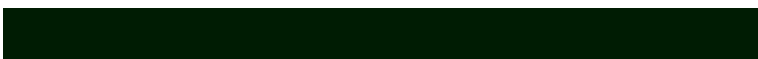
106, 182, 153



83, 92, 84



0, 156, 18



0, 28, 3

Inverse Universe

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



182, 106, 173



237, 119, 223



182, 106, 135



92, 83, 91



156, 0, 137



28, 0, 25

Previews

White Background



This preview shows how the RGB color 106, 182, 115 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 106, 182, 115 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 106, 182, 115 Background



This preview shows how black text looks on a background with the RGB color 106, 182, 115.



This preview shows how white text looks on a background with the RGB color 106, 182, 115.

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
106, 182, 115

Protanopia
179, 164, 108

Deuteranopia
195, 158, 121



Tritanopia
121, 173, 187

Trichromacy



Original Color

106, 182, 115



Protanomaly

152, 171, 111



Deuteranomaly

163, 167, 119



Tritanomaly

116, 176, 161

Monochromacy



Original Color

106, 182, 115



Achromatopsia

152, 152, 152



Achromatomaly

135, 163, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 182, 115 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(106, 182, 115)` looks like.

```
.text, #text, p{  
    color:rgb(106, 182, 115)  
}
```

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(106, 182, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 182, 115) }
```

Border

The CSS property to change the border of an element to RGB 106, 182, 115 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(106, 182, 115) }
```

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

```
.border{ border-color:rgb(106, 182, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 182, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 182, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 182, 115);  
box-shadow:4px 4px 4px 4px rgb(106, 182,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 106, 182, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 182, 115) }
```

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

```
.background{ background-color: rgb(106,  
182, 115) }
```

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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