

Converting Colors

RGB(113, 146, 176)

Have a look what the booklet for
RGB(113, 146, 176) contains.

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Color

RGB(113, 146, 176)

Conversions

Conversions Part 1

Format	Color
Hex	7192B0
RGB	113, 146, 176
RGB Percent	44%, 57%, 69%
CMY	0.5569, 0.4275, 0.3098
CMYK	0.36, 0.17, 0.00, 0.31
HSL	209°, 29%, 57%
HSV	209°, 36%, 69%
XYZ	24.9254, 27.2031, 45.0113
YIQ	139.5530, -29.2980, 2.3340

Conversions

Conversions Part 2

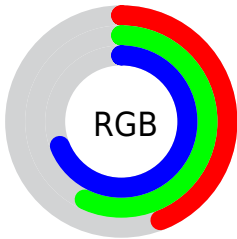
Format	Color
RYB	113, 135, 176
Decimal	7443120
CIELab	59.16, -3.93, -19.40
CIELCh	59, 19.793, 258.538
Yxy	27.2031, 0.2566, 0.2800
Android (android.graphics.Color)	4285633200 (0xFF7192B0)
YUV	139.5530, 17.9684, -23.2870
Hunter-Lab	52.1566, -5.9696, -14.6579

Details

The RGB color **113, 146, 176** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176, 143, 113**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **167, 200, 232**, and **62, 96, 123** is the 20% darker color. If you saturate the color by 10%, you get **95, 138, 176**, and if you desaturate by 10%, it is **131, 154, 176**.

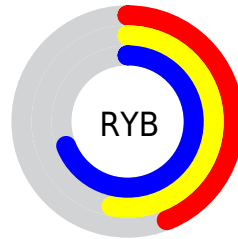
Distribution



Red (44%)

Green (57%)

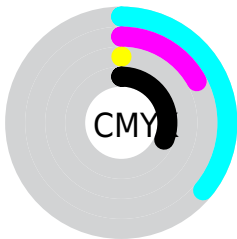
Blue (69%)



Red (44%)

Yellow (53%)

Blue (69%)

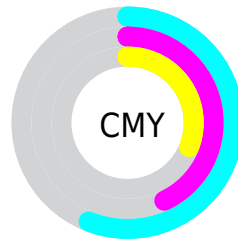


Cyan (36%)

Magenta (17%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 146, 176 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, 146, 176 by changing the saturation by 10% instead.

 113, 146, 176

255, 255, 255


 167, 200, 232

 194, 228, 255


 223, 255, 255

 252, 255, 255

 113, 146, 176

 87, 120, 149

 62, 96, 123

 36, 72, 98

 6, 50, 74

 0, 29, 52

 0, 2, 31

 0, 0, 2

 0, 0, 0

 113, 146, 176

 113, 146, 176

■ 95, 138, 176

■ 131, 154, 176

■ 78, 129, 176

■ 148, 163, 176

■ 60, 121, 176

■ 166, 171, 176

■ 43, 112, 176

■ 183, 180, 176

■ 25, 104, 176

■ 201, 188, 176

■ 7, 96, 176

■ 219, 196, 176

■ 0, 92, 176

■ 236, 205, 176

■ 254, 213, 176

■ 255, 221, 176

Harmonies

Analogous

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



96, 150, 168



113, 146, 176



136, 140, 175

Triad

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



113, 146, 176



178, 130, 132



124, 149, 119

Complementary

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



113, 146, 176



176, 143, 113

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.



144, 145, 109



113, 146, 176



174, 134, 117

Square

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



113, 146, 176



173, 131, 150



162, 139, 109



106, 152, 135

Rectangle

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



113, 146, 176



152, 136, 170



162, 139, 109



131, 148, 115

Sweetspot

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



113, 146, 176



204, 217, 230



113, 176, 142



100, 108, 115



242, 242, 242



115, 115, 115

Same Dimension

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



113, 146, 176



131, 183, 230



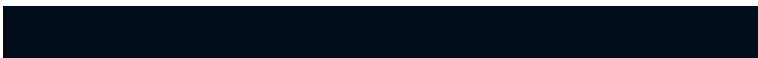
113, 115, 176



80, 85, 89



0, 80, 153



0, 13, 26

Inverse Universe

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



176, 113, 146



230, 131, 183



176, 174, 113



89, 80, 85



153, 0, 80



26, 0, 13

Previews

White Background



This preview shows how the RGB color 113, 146, 176 looks on a white background.

Color Contrast Check

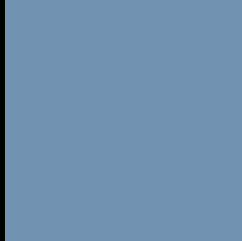
Large Text (above 18pt) WCAG AA ✓ Pass

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, 146, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

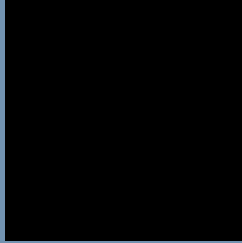
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

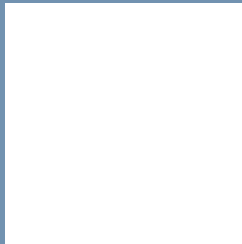
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 113, 146, 176 Background



This preview shows how black text looks on a background with the RGB color 113, 146, 176.



This preview shows how white text looks on a background with the RGB color 113, 146, 176.

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
113, 146, 176

Protanopia
135, 141, 172

Deuteranopia
138, 139, 177



Tritanopia
109, 149, 161

Trichromacy



Original Color

113, 146, 176

Protanomaly

127, 143, 173

Deuteranomaly

129, 142, 177

Tritanomaly

110, 148, 166

Monochromacy



Original Color

113, 146, 176

Achromatopsia

140, 140, 140

Achromatomaly

130, 142, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 146, 176 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, 146, 176)` looks like.

```
.text, #text, p{  
    color:rgb(113, 146, 176)  
}
```

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, 146, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 146, 176) }
```

Border

The CSS property to change the border of an element to RGB 113, 146, 176 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, 146, 176) }
```

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

```
.border{ border-color:rgb(113, 146, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 146, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 146, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 146, 176);  
box-shadow:4px 4px 4px 4px rgb(113, 146,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 113, 146, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 146, 176) }
```

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

```
.background{ background-color: rgb(113,  
146, 176) }
```

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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