

Converting Colors

`RYB(129, 146, 183)`

Have a look what the booklet for
RYB(129, 146, 183) contains.

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Color

R_YB(129, 146, 183)

Conversions

Conversions Part 1

Format	Color
Hex	819AB7
RGB	129, 154, 183
RGB Percent	51%, 60%, 72%
CMY	0.4941, 0.3968, 0.2824
CMYK	0.30, 0.16, 0.00, 0.28
HSL	212°, 27%, 61%
HSV	212°, 30%, 72%
XYZ	29.1249, 31.1348, 49.2743
YIQ	149.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

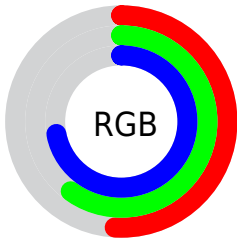
Format	Color
R _Y B	129, 146, 183
Decimal	8493751
CIE Lab	62.62, -1.80, -18.00
CIE LCh	63, 18.086, 264.303
Yxy	31.1348, 0.2659, 0.2842
Android (android.graphics.Color)	4286683831 (0xFF819AB7)
YUV	149.8310, 16.3523, -18.2688
Hunter-Lab	55.7986, -4.4768, -13.2985

Details

The RYB color **129, 146, 183** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176, 183, 129**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **183, 200, 239**, and **78, 95, 130** is the 20% darker color. If you saturate the color by 10%, you get **111, 134, 183**, and if you desaturate by 10%, it is **147, 159, 183**.

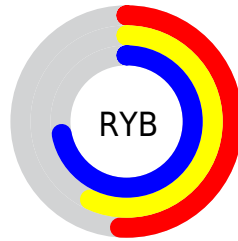
Distribution



Red (51%)

Green (60%)

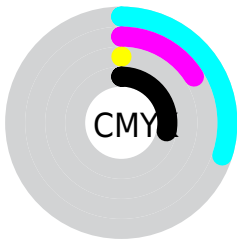
Blue (72%)



Red (51%)

Yellow (57%)

Blue (72%)

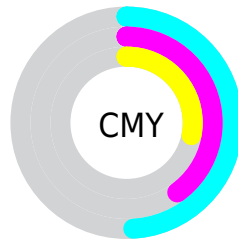


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 146, 183 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 RYB color 129, 146, 183 by changing the saturation by 10% instead.

 129, 146, 183


255, 255, 255

 183, 200, 239

 211, 227, 255

 240, 248, 255

 129, 146, 183

 103, 120, 156

 78, 95, 130

 53, 70, 105

 29, 47, 81

 2, 23, 58

 0, 10, 36

 0, 1, 13

 0, 0, 0

 129, 146, 183

 129, 146, 183

■ 111, 134, 183

■ 147, 159, 183

■ 92, 121, 183

■ 166, 171, 183

■ 74, 108, 183

■ 184, 183, 183

■ 56, 96, 183

■ 200, 202, 183

■ 38, 83, 183

■ 214, 220, 183

■ 19, 70, 183

■ 232, 239, 183

■ 1, 58, 183

■ 241, 255, 183

■ 0, 58, 183

■ 215, 255, 183

■ 197, 255, 183

Harmonies

Analogous

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



112, 139, 177



129, 146, 183



150, 148, 181

Triad

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



129, 146, 183



185, 141, 139



131, 157, 158

Complementary

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



129, 146, 183



176, 183, 129

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.



122, 154, 126



129, 146, 183



179, 153, 126

Square

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



129, 146, 183



182, 140, 155



149, 167, 120



116, 142, 161

Rectangle

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



129, 146, 183



164, 145, 174



149, 167, 120



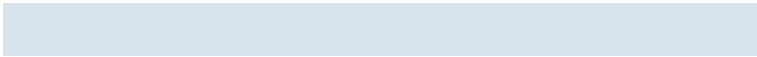
128, 157, 148

Sweetspot

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



129, 146, 183



216, 223, 237



129, 164, 183



107, 111, 120



247, 247, 247



120, 120, 120

Same Dimension

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



129, 146, 183



154, 180, 237



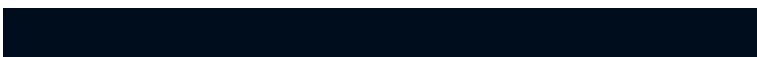
131, 129, 183



83, 86, 92



0, 49, 156



0, 9, 28

Inverse Universe

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



183, 129, 154



237, 154, 192



129, 183, 131



92, 83, 87



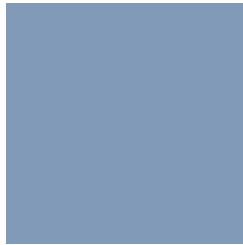
156, 0, 71



28, 0, 13

Previews

White Background



This preview shows how the RYB color 129, 146, 183 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 RYB color 129, 146, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

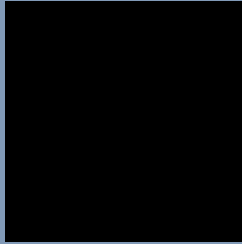
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

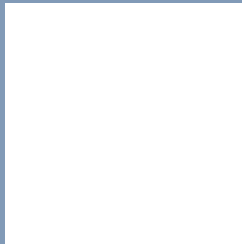
Any Text WCAG AAA ✓ Pass

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

RYB 129, 146, 183 Background



This preview shows how black text looks on a background with the RYB color 129, 146, 183.



This preview shows how white text looks on a background with the RYB color 129, 146, 183.

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
129, 146, 183

Protanopia
145, 149, 180

Deuteranopia
149, 148, 184



Tritanopia
126, 144, 169

Trichromacy



Original Color
129, 146, 183

Protanomaly
139, 148, 181

Deuteranomaly
142, 149, 184

Tritanomaly
127, 145, 174

Monochromacy



Original Color
129, 146, 183

Achromatopsia
150, 150, 150

Achromatomaly
142, 148, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 146, 183 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(129, 154, 183)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 183)  
}
```

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(129, 154, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 183) }
```

Border

The CSS property to change the border of an element to RYB 129, 146, 183 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(129, 154, 183) }
```

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

```
.border{ border-color:rgb(129, 154, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 183);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 129, 146, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 183) }
```

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

```
.background{ background-color: rgb(129,  
154, 183) }
```

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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