

Converting Colors

`RYB(79, 128, 196)`

Have a look what the booklet for
RYB(79, 128, 196) contains.

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Color

$\text{RYB}(79, 128, 196)$

Conversions

Conversions Part 1

Format	Color
Hex	4FA3C4
RGB	79, 163, 196
RGB Percent	31%, 64%, 77%
CMY	0.6902, 0.3596, 0.2314
CMYK	0.60, 0.17, 0.00, 0.23
HSL	197°, 50%, 54%
HSV	197°, 60%, 77%
XYZ	26.3404, 31.9520, 57.0036
YIQ	141.6460, -60.6570, -7.5450

Conversions

Conversions Part 2

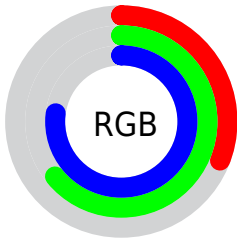
Format	Color
RYB	79, 128, 196
Decimal	5219268
CIELab	63.30, -15.84, -24.46
CIELCh	63, 29.143, 237.078
Yxy	31.9520, 0.2285, 0.2771
Android (android.graphics.Color)	4283409348 (0xFF4FA3C4)
YUV	141.6460, 26.7965, -54.9405
Hunter-Lab	56.5261, -15.7422, -20.2226

Details

The RYB color **79, 128, 196** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **196, 125, 79**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **138, 185, 253**, and **0, 62, 142** is the 20% darker color. If you saturate the color by 10%, you get **59, 116, 196**, and if you desaturate by 10%, it is **99, 140, 196**.

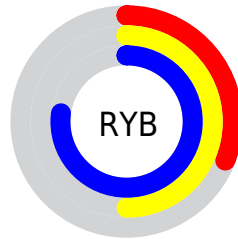
Distribution



Red (31%)

Green (64%)

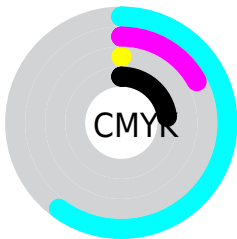
Blue (77%)



Red (31%)

Yellow (50%)

Blue (77%)

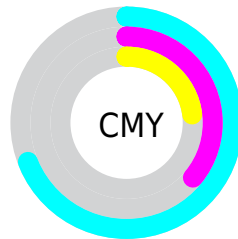


Cyan (60%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (69%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 128, 196 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 79, 128, 196 by changing the saturation by 10% instead.

■ 79, 128, 196

■ 79, 128, 196

255, 255, 255

■ 46, 98, 169

■ 138, 185, 253

■ 0, 63, 142

■ 167, 209, 255

■ 0, 50, 117

■ 196, 226, 255

■ 0, 38, 92

■ 225, 240, 255

■ 0, 26, 68

■ 0, 15, 46

■ 0, 1, 25

■ 0, 0, 0

■ 79, 128, 196

■ 79, 128, 196

■ 59, 116, 196

■ 99, 140, 196

■ 40, 105, 196

■ 118, 151, 196

■ 20, 94, 196

■ 138, 162, 196

■ 1, 82, 196

■ 157, 173, 196

■ 0, 82, 196

■ 177, 185, 196

■ 197, 196, 196

■ 216, 205, 196

■ 236, 211, 196

■ 255, 220, 196

Harmonies

Analogous

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



67, 119, 176



79, 128, 196



115, 143, 205

Triad

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



79, 128, 196



201, 134, 157



106, 159, 118

Complementary

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



79, 128, 196



196, 125, 79

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.



135, 174, 101



79, 128, 196



204, 135, 131

Square

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



79, 128, 196



184, 139, 182



194, 160, 111



117, 159, 165

Rectangle

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



79, 128, 196



141, 150, 203



194, 160, 111



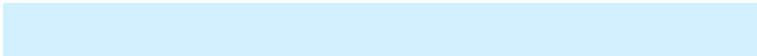
103, 156, 103

Sweetspot

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



79, 128, 196



209, 228, 255



79, 171, 196



99, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 128, 196



71, 148, 255



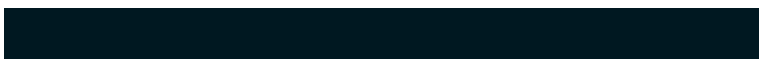
79, 101, 196



87, 91, 97



0, 67, 161



0, 14, 33

Inverse Universe

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



196, 79, 163



255, 71, 204



114, 196, 79



97, 87, 94



161, 0, 116



33, 0, 24

Previews

White Background



This preview shows how the RYB color 79, 128, 196 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 79, 128, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

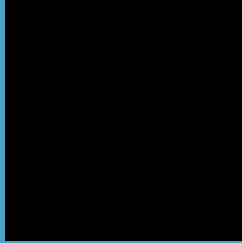
Any Text WCAG AA ✓ Pass

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 79, 128, 196 Background



This preview shows how black text looks on a background with the RYB color 79, 128, 196.

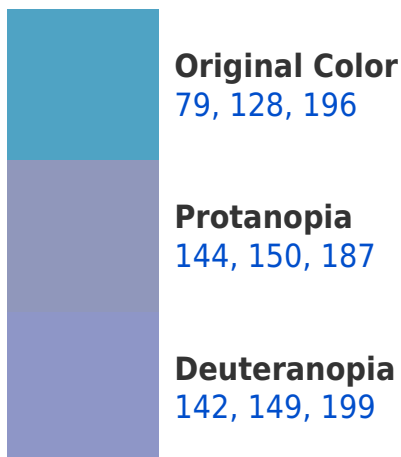


This preview shows how white text looks on a background with the RYB color 79, 128, 196.

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
72, 122, 180

Trichromacy



Original Color
79, 128, 196

Protanomaly
120, 143, 190

Deuteranomaly
119, 144, 198

Tritanomaly
75, 125, 186

Monochromacy



Original Color
79, 128, 196

Achromatopsia
142, 142, 142

Achromatomaly
119, 137, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 128, 196 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(79, 163, 196)` looks like.

```
.text, #text, p{  
    color:rgb(79, 163, 196)  
}
```

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(79, 163, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 163, 196) }
```

Border

The CSS property to change the border of an element to RYB 79, 128, 196 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(79, 163, 196) }
```

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

```
.border{ border-color:rgb(79, 163, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 163, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 163, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 163, 196);  
box-shadow:4px 4px 4px 4px rgb(79, 163,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 79, 128, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 163, 196) }
```

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

```
.background{ background-color: rgb(79, 163,  
196) }
```

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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