

Converting Colors

`RYB(126, 142, 215)`

Have a look what the booklet for
RYB(126, 142, 215) contains.

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Color

R_YB(126, 142, 215)

Conversions

Conversions Part 1

Format	Color
Hex	7E92D7
RGB	126, 146, 215
RGB Percent	49%, 57%, 84%
CMY	0.5059, 0.4294, 0.1569
CMYK	0.41, 0.32, 0.00, 0.16
HSL	227°, 53%, 67%
HSV	227°, 41%, 84%
XYZ	31.0730, 29.7480, 68.3942
YIQ	147.8860, -34.0690, 17.2190

Conversions

Conversions Part 2

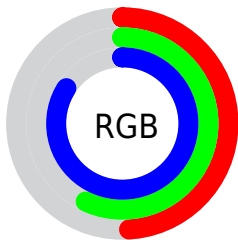
Format	Color
RYB	126, 142, 215
Decimal	8295127
CIELab	61.44, 10.67, -37.77
CIELCh	61, 39.251, 285.769
Yxy	29.7480, 0.2405, 0.2302
Android (android.graphics.Color)	4286485207 (0xFF7E92D7)
YUV	147.8860, 33.0872, -19.1940
Hunter-Lab	54.5417, 6.2453, -36.1693

Details

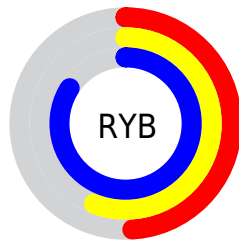
The RYB color **126, 142, 215** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 215, 126**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **182, 196, 255**, and **72, 91, 160** is the 20% darker color. If you saturate the color by 10%, you get **105, 125, 215**, and if you desaturate by 10%, it is **148, 160, 215**.

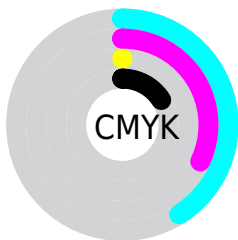
Distribution



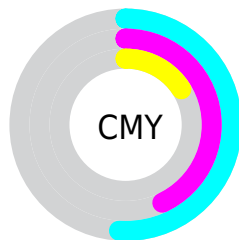
- Red (49%)
- Green (57%)
- Blue (84%)



- Red (49%)
- Yellow (56%)
- Blue (84%)



- Cyan (41%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 142, 215 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 126, 142, 215 by changing the saturation by 10% instead.

 126, 142, 215


255, 255, 255

 182, 196, 255

 210, 222, 255

 239, 247, 255

 126, 142, 215

 99, 116, 187

 72, 90, 160

 43, 65, 133

 4, 36, 108

 0, 21, 83

 0, 2, 60


 0, 2, 37

 0, 1, 14


 0, 0, 0

 126, 142, 215

 126, 142, 215


 105, 125, 215

 148, 160, 215

 83, 107, 215

 169, 177, 215

 62, 89, 215

 191, 195, 215

 40, 71, 215

 212, 213, 215

 19, 54, 215

 222, 234, 215

 0, 39, 215

 227, 255, 215

 215, 255, 215

Harmonies

Analogous

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



56, 118, 215



126, 142, 215



175, 132, 197

Triad

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



126, 142, 215



207, 138, 100



64, 125, 165

Complementary

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



126, 142, 215



152, 215, 126

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.



98, 161, 146



126, 142, 215



155, 184, 81

Square

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



126, 142, 215



215, 121, 131



80, 152, 80



0, 83, 166

Rectangle

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



126, 142, 215



197, 125, 178



80, 152, 80



82, 139, 164

Sweetspot

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



126, 142, 215



224, 230, 255



126, 176, 215



110, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 142, 215



128, 150, 255



150, 126, 215



96, 98, 107



0, 30, 171



0, 8, 43

Inverse Universe

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



215, 126, 146



255, 128, 155



126, 215, 150



107, 96, 99



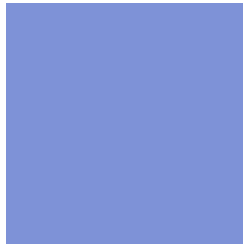
171, 0, 37



43, 0, 10

Previews

White Background



This preview shows how the RYB color 126, 142, 215 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 RYB color 126, 142, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

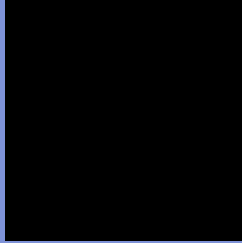
Any Text WCAG AA ✓ Pass

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](#).

RYB 126, 142, 215 Background



This preview shows how black text looks on a background with the RYB color 126, 142, 215.



This preview shows how white text looks on a background with the RYB color 126, 142, 215.

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


126, 142, 215

Protanopia

125, 142, 215

Deuteranopia

121, 141, 215



Tritanopia
114, 137, 167

Trichromacy



Original Color

126, 142, 215

Protanomaly

125, 142, 215

Deuteranomaly

123, 141, 215

Tritanomaly

118, 140, 184

Monochromacy



Original Color

126, 142, 215

Achromatopsia

148, 148, 148

Achromatomaly

140, 146, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 142, 215 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(126, 146, 215)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 215)  
}
```

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(126, 146, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 215) }
```

Border

The CSS property to change the border of an element to RYB 126, 142, 215 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(126, 146, 215) }
```

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

```
.border{ border-color:rgb(126, 146, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 146, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 146, 215);  
box-shadow:4px 4px 4px 4px rgb(126, 146,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 126, 142, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 215) }
```

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

```
.background{ background-color: rgb(126,  
146, 215) }
```

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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