

Converting Colors

`RYB(126, 155, 221)`

Have a look what the booklet for
RYB(126, 155, 221) contains.

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Color

`RYB(126, 155, 221)`

Conversions

Conversions Part 1

Format	Color
Hex	7EA8DD
RGB	126, 168, 221
RGB Percent	49%, 66%, 87%
CMY	0.5059, 0.3422, 0.1333
CMYK	0.43, 0.24, 0.00, 0.13
HSL	214°, 58%, 68%
HSV	214°, 43%, 87%
XYZ	35.6105, 37.5663, 73.7808
YIQ	161.4840, -42.0450, 7.5790

Conversions

Conversions Part 2

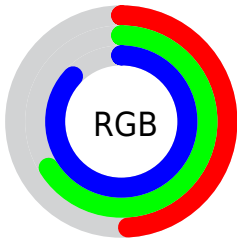
Format	Color
RYB	126, 155, 221
Decimal	8300765
CIELab	67.70, -0.32, -31.36
CIELCh	68, 31.359, 269.414
Yxy	37.5663, 0.2423, 0.2556
Android (android.graphics.Color)	4286490845 (0xFF7EA8DD)
YUV	161.4840, 29.3414, -31.1195
Hunter-Lab	61.2914, -3.5509, -28.4676

Details

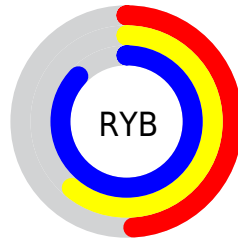
The RYB color **126, 155, 221** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **201, 221, 126**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **182, 208, 255**, and **71, 102, 166** is the 20% darker color. If you saturate the color by 10%, you get **104, 140, 221**, and if you desaturate by 10%, it is **148, 170, 221**.

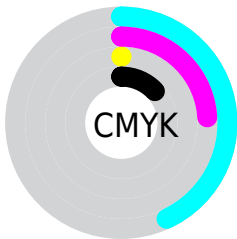
Distribution



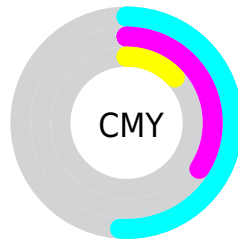
- Red (49%)
- Green (66%)
- Blue (87%)



- Red (49%)
- Yellow (61%)
- Blue (87%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 155, 221 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, 155, 221 by changing the saturation by 10% instead.


 126, 155, 221


255, 255, 255


 182, 208, 255

 211, 232, 255

 240, 248, 255

 126, 155, 221


 99, 128, 193

 71, 102, 166

 41, 75, 139

 0, 42, 113

 0, 30, 89

 0, 19, 65

 0, 3, 43

 0, 1, 21

 0, 0, 0

■ 126, 155, 221

■ 126, 155, 221

■ 104, 140, 221

■ 148, 170, 221

■ 82, 124, 221

■ 170, 186, 221

■ 60, 109, 221

■ 192, 201, 221

■ 38, 94, 221

■ 214, 216, 221

■ 15, 78, 221

■ 233, 237, 221

■ 0, 67, 221

■ 242, 255, 221

■ 222, 255, 221

■ 221, 255, 221

Harmonies

Analogous

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



85, 138, 213



126, 155, 221



168, 158, 214

Triad

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



126, 155, 221



220, 147, 139



122, 167, 178

Complementary

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



126, 155, 221



201, 221, 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.



115, 172, 132



126, 155, 221



208, 177, 117

Square

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



126, 155, 221



218, 144, 167



139, 185, 108



89, 139, 180

Rectangle

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



126, 155, 221



191, 151, 202



139, 185, 108



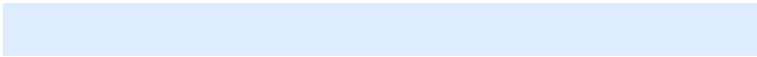
127, 176, 170

Sweetspot

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



126, 155, 221



222, 232, 255



126, 187, 221



107, 113, 128



0, 0, 0



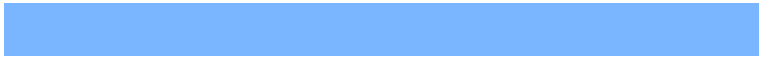
128, 128, 128

Same Dimension

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



126, 155, 221



122, 163, 255



131, 126, 221



99, 102, 110



0, 53, 173



0, 14, 46

Inverse Universe

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



221, 126, 168



255, 122, 181



126, 221, 131



110, 99, 104



173, 0, 76



46, 0, 20

Previews

White Background



This preview shows how the RYB color 126, 155, 221 looks on a white background.

Color Contrast Check

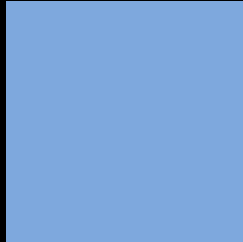
Large Text (above 18pt) WCAG AA × Fail

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 126, 155, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

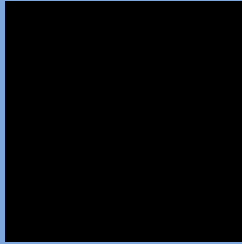
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

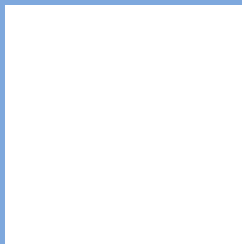
Any Text WCAG AAA ✓ Pass

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

RYB 126, 155, 221 Background



This preview shows how black text looks on a background with the RYB color 126, 155, 221.



This preview shows how white text looks on a background with the RYB color 126, 155, 221.

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, 155, 221

Protanopia
149, 160, 217

Deuteranopia
148, 160, 222



Tritanopia
117, 149, 188

Trichromacy



Original Color
126, 155, 221

Protanomaly
141, 159, 218

Deuteranomaly
140, 159, 222

Tritanomaly
120, 152, 200

Monochromacy



Original Color
126, 155, 221

Achromatopsia
161, 161, 161

Achromatomaly
148, 159, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 155, 221 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, 168, 221)` looks like.

```
.text, #text, p{  
    color:rgb(126, 168, 221)  
}
```

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, 168, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 221) }
```

Border

The CSS property to change the border of an element to RYB 126, 155, 221 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, 168, 221) }
```

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

```
.border{ border-color:rgb(126, 168, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 168, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 168, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 168, 221); box-shadow:4px 4px 4px 4px rgb(126, 168, 221) }
```

Background

The CSS property to change the background color of an element to RYB 126, 155, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 221) }
```

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

```
.background{ background-color: rgb(126,  
168, 221) }
```

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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