

Converting Colors

`RYB(126, 167, 225)`

Have a look what the booklet for
RYB(126, 167, 225) contains.

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Color

`RYB(126, 167, 225)`

Conversions

Conversions Part 1

Format	Color
Hex	7EC4E1
RGB	126, 196, 225
RGB Percent	49%, 77%, 88%
CMY	0.5059, 0.2314, 0.1176
CMYK	0.44, 0.13, 0.00, 0.12
HSL	198°, 62%, 69%
HSV	198°, 44%, 88%
XYZ	41.9308, 49.3439, 78.5485
YIQ	178.3760, -51.0290, -5.8210

Conversions

Conversions Part 2

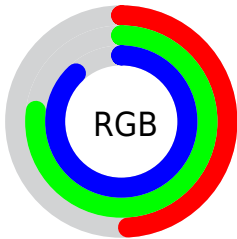
Format	Color
R _Y B	126, 167, 225
Decimal	8307937
CIE Lab	75.66, -14.48, -21.33
CIE LCh	76, 25.779, 235.832
Yxy	49.3439, 0.2469, 0.2906
Android (android.graphics.Color)	4286498017 (0xFF7EC4E1)
YUV	178.3760, 22.9856, -45.9338
Hunter-Lab	70.2452, -16.3789, -17.1266

Details

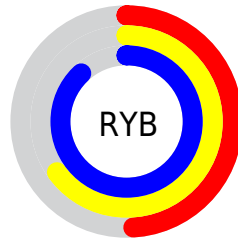
The RYB color **126, 167, 225** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **225, 167, 126**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **183, 218, 255**, and **69, 111, 170** is the 20% darker color. If you saturate the color by 10%, you get **104, 154, 225**, and if you desaturate by 10%, it is **149, 181, 225**.

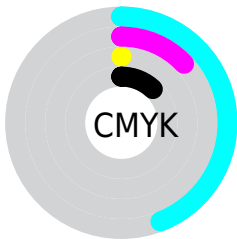
Distribution



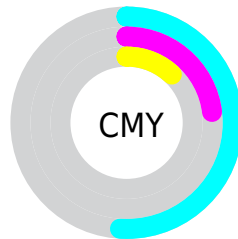
- Red (49%)
- Green (77%)
- Blue (88%)



- Red (49%)
- Yellow (65%)
- Blue (88%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 167, 225 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, 167, 225 by changing the saturation by 10% instead.


 126, 167, 225


255, 255, 255


 183, 218, 255


 212, 234, 255

 241, 248, 255


 126, 167, 225

 98, 139, 197


 69, 111, 170

 38, 83, 143

 0, 52, 117

 0, 39, 93

 0, 28, 69


 0, 17, 47

 0, 1, 26


 0, 0, 0


 126, 167, 225


 126, 167, 225

 104, 154, 225


 149, 181, 225

 81, 141, 225


 171, 193, 225

 59, 128, 225

 194, 207, 225

 36, 114, 225

 216, 220, 225

 14, 101, 225

 239, 231, 225

 0, 93, 225

 255, 242, 225

 248, 255, 225

 233, 255, 225

 225, 255, 225

Harmonies

Analogous

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



118, 160, 206



126, 167, 225



153, 178, 233

Triad

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



126, 167, 225



231, 170, 191



143, 191, 152

Complementary

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



126, 167, 225



225, 167, 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.



174, 207, 139



126, 167, 225



235, 170, 167

Square

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



126, 167, 225



214, 174, 213



226, 192, 148



155, 193, 197

Rectangle

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



126, 167, 225



175, 183, 232



226, 192, 148



143, 191, 141

Sweetspot

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



126, 167, 225



222, 236, 255



126, 203, 225



107, 116, 128



0, 0, 0



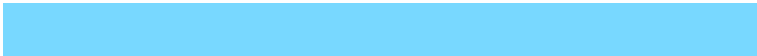
128, 128, 128

Same Dimension

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



126, 167, 225



120, 176, 255



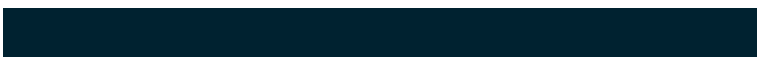
126, 143, 225



101, 106, 112



0, 73, 176



0, 20, 48

Inverse Universe

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



225, 126, 196



255, 120, 215



153, 225, 126



112, 101, 109



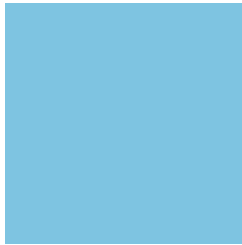
176, 0, 124



48, 0, 34

Previews

White Background



This preview shows how the RYB color 126, 167, 225 looks on a white background.

Color Contrast Check

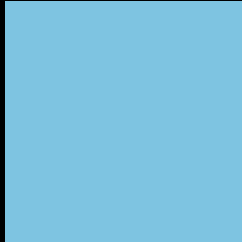
Large Text (above 18pt) WCAG AA × Fail

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, 167, 225 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, 167, 225 Background



This preview shows how black text looks on a background with the RYB color 126, 167, 225.

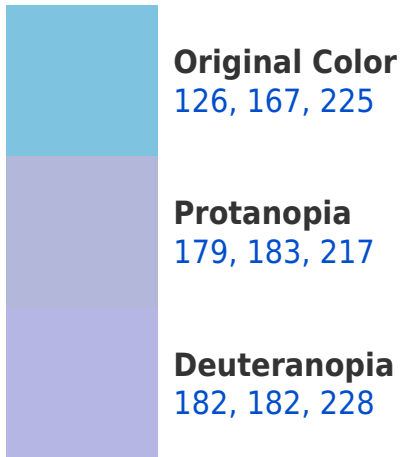


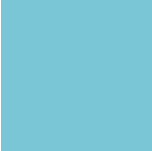
This preview shows how white text looks on a background with the RYB color 126, 167, 225.

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](#).

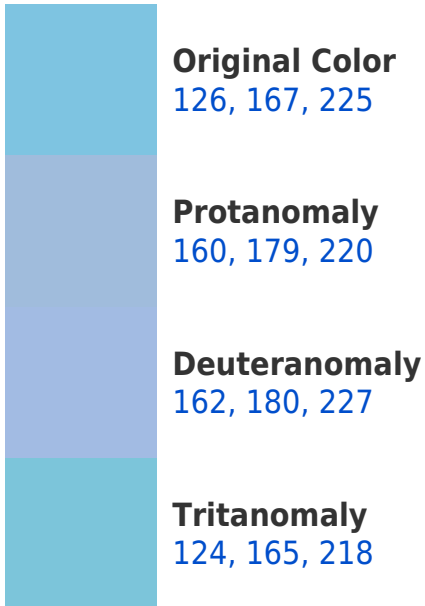
Dichromacy



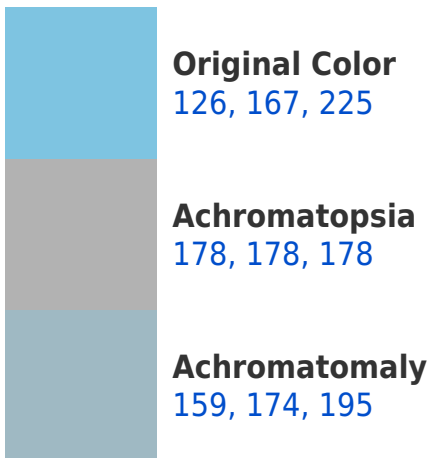


Tritanopia
123, 164, 214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 167, 225 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, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(126, 196, 225)  
}
```

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, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 196, 225) }
```

Border

The CSS property to change the border of an element to RYB 126, 167, 225 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, 196, 225) }
```

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

```
.border{ border-color:rgb(126, 196, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 196, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 196, 225); box-shadow:4px 4px 4px 4px rgb(126, 196, 225) }
```

Background

The CSS property to change the background color of an element to RYB 126, 167, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 196, 225) }
```

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

```
.background{ background-color: rgb(126,  
196, 225) }
```

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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