

Converting Colors

`RYB(126, 192, 241)`

Have a look what the booklet for
RYB(126, 192, 241) contains.

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Color

R_YB(126, 192, 241)

Conversions

Conversions Part 1

Format	Color
Hex	7EF1D3
RGB	126, 241, 211
RGB Percent	49%, 95%, 83%
CMY	0.5059, 0.0549, 0.1711
CMYK	0.48, 0.00, 0.12, 0.05
HSL	165°, 80%, 72%
HSV	165°, 48%, 95%
XYZ	51.8649, 72.0684, 73.0543
YIQ	203.1950, -58.9100, -33.7100

Conversions

Conversions Part 2

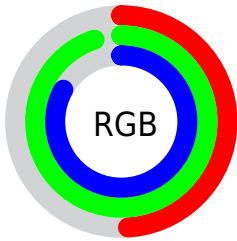
Format	Color
R _{YB}	126, 192, 241
Decimal	8319443
CIE Lab	88.00, -39.70, 4.22
CIE LCh	88, 39.922, 173.926
Yxy	72.0684, 0.2633, 0.3659
Android (android.graphics.Color)	4286509523 (0xFF7EF1D3)
YUV	203.1950, 3.8479, -67.7000
Hunter-Lab	84.8931, -39.5095, 8.4035

Details

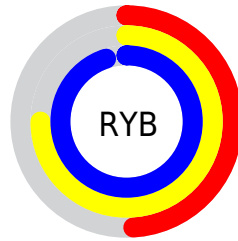
The RYB color **126, 192, 241** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **241, 126, 156**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **185, 220, 255**, and **65, 132, 184** is the 20% darker color. If you saturate the color by 10%, you get **102, 182, 241**, and if you desaturate by 10%, it is **150, 202, 241**.

Distribution



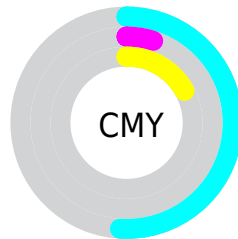
- Red (49%)
- Green (95%)
- Blue (83%)



- Red (49%)
- Yellow (75%)
- Blue (95%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 192, 241 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, 192, 241 by changing the saturation by 10% instead.

 126, 192, 241


255, 255, 255


 185, 220, 255

 214, 235, 255

 244, 250, 255

 126, 192, 241

 96, 162, 212

 65, 132, 184

 26, 99, 157

 0, 72, 130

 0, 59, 105

 0, 46, 80


 0, 34, 56

 0, 24, 35


 0, 0, 0

 126, 192, 241


 126, 192, 241

 102, 182, 241


 150, 202, 241

 78, 172, 241

 174, 212, 241

 54, 161, 241

 198, 223, 241

 30, 151, 241

 222, 233, 241

 6, 141, 241

 247, 241, 242

 0, 138, 241

 255, 241, 249

 255, 241, 255

Harmonies

Analogous

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



171, 232, 236



126, 192, 241



91, 168, 250

Triad

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



126, 192, 241



215, 214, 255



255, 237, 161

Complementary

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



126, 192, 241



241, 126, 156

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.



255, 194, 192



126, 192, 241



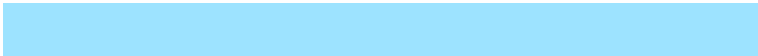
255, 201, 255

Square

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



126, 192, 241



157, 198, 255



255, 193, 230



203, 254, 145

Rectangle

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



126, 192, 241



93, 170, 255



255, 193, 230



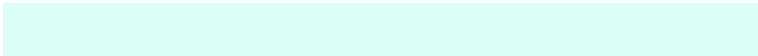
255, 214, 170

Sweetspot

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



126, 192, 241



219, 240, 255



126, 241, 210



106, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 192, 241



110, 193, 255



126, 176, 241



108, 115, 120



0, 106, 184



0, 32, 56

Inverse Universe

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



241, 126, 156



255, 110, 147



241, 161, 126



120, 108, 111



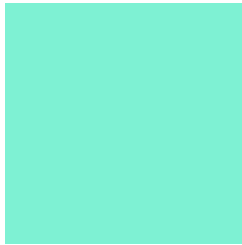
184, 0, 47



56, 0, 14

Previews

White Background



This preview shows how the RYB color 126, 192, 241 looks on a white background.

Color Contrast Check

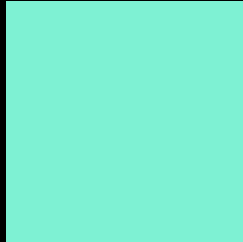
Large Text (above 18pt) WCAG AA × Fail

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, 192, 241 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

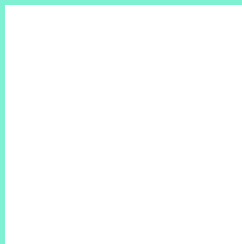
Any Text WCAG AAA ✓ Pass

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

RYB 126, 192, 241 Background



This preview shows how black text looks on a background with the RYB color 126, 192, 241.

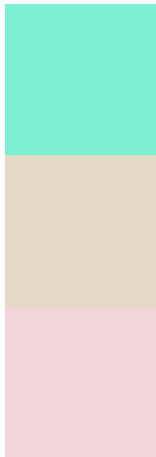


This preview shows how white text looks on a background with the RYB color 126, 192, 241.

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](#).

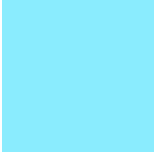
Dichromacy



Original Color
126, 192, 241

Protanopia
212, 228, 199

Deuteranopia
241, 212, 218



Tritanopia
138, 191, 254

Trichromacy



Original Color

126, 192, 241



Protanomaly

191, 217, 227



Deuteranomaly

199, 213, 223



Tritanomaly

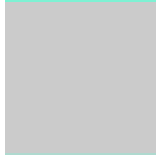
134, 186, 239

Monochromacy



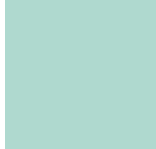
Original Color

126, 192, 241



Achromatopsia

203, 203, 203



Achromatomaly

175, 199, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 192, 241 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, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(126, 241, 211)  
}
```

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, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 241, 211) }
```

Border

The CSS property to change the border of an element to RYB 126, 192, 241 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, 241, 211) }
```

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

```
.border{ border-color:rgb(126, 241, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(126, 241,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 126, 192, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 241, 211) }
```

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

```
.background{ background-color: rgb(126,  
241, 211) }
```

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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