Converting Colors

RYB(126, 191, 242)

Have a look what the booklet for RYB(126, 191, 242) contains.

Color

RYB(126, 191, 242)

Conversions

Conversions Part 1

Format	Color
Hex	7EF2D9
RGB	126, 242, 217
RGB Percent	49%, 95%, 85%
CMY	0.5059, 0.0510, 0.1490
CMYK	0.48, 0.00, 0.10, 0.05
HSL	167°, 82%, 72%
HSV	167°, 48%, 95%
XYZ	52.8827, 72.9504, 76.9498
YIQ	204.4660, -61.1110, -32.3670

Conversions

Conversions Part 2

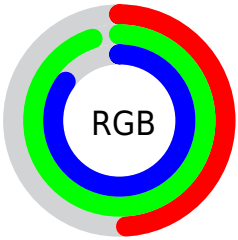
Format	Color
RYB	126, 191, 242
Decimal	8319705
CIELab	88.42, -38.86, 1.89
CIELCh	88, 38.910, 177.210
Yxy	72.9504, 0.2608, 0.3597
Android (android.graphics.Color)	4286509785 (0xFF7EF2D9)
YUV	204.4660, 6.1793, -68.8147
Hunter-Lab	85.4110, -38.9501, 6.3713

Details

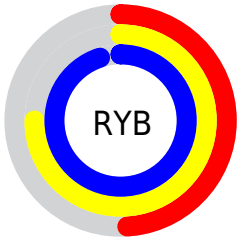
The RYB color 126, 191, 242 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 242, 126, 151, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 185, 220, 255, and 65, 131, 185 is the 20% darker color. If you saturate the color by 10%, you get 102, 180, 242, and if you desaturate by 10%, it is 150, 202, 242.

Distribution

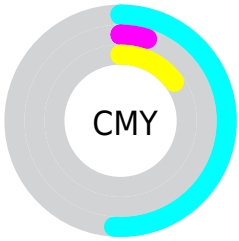


- Red (49%)
- Green (95%)
- Blue (85%)



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

- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 191, 242 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, 191, 242 by changing the saturation by 10% instead.

126, 191, 242

255, 255, 255

185, 220, 255

214, 235, 255

244, 250, 255

126, 191, 242

96, 161, 213

65, 131, 185

24, 97, 158

0, 71, 131

0, 59, 106

0, 46, 81

0, 33, 57

0, 23, 36

0, 0, 0

126, 191, 242

102, 180, 242

78, 170, 242

53, 159, 242

29, 148, 242

5, 138, 242

0, 136, 242

126, 191, 242

150, 202, 242

174, 212, 242

199, 223, 242

223, 234, 242

247, 242, 243

255, 242, 248

255, 242, 254

255, 242, 255

Harmonies

Analogous

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

169, 228, 238

126, 191, 242

97, 172, 254

Triad

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

126, 191, 242

222, 214, 255

255, 247, 161

Complementary

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

126, 191, 242

242, 126, 151

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, 197, 190

126, 191, 242

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, 191, 242

167, 202, 255

255, 194, 227

197, 251, 148

Rectangle

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

126, 191, 242

103, 175, 255

255, 194, 227

255, 223, 169

Sweetspot

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

126, 191, 242

219, 239, 255

126, 242, 217

106, 118, 128

0, 0, 0

128, 128, 128

Same Dimension

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

126, 191, 242

107, 190, 255

126, 174, 242

108, 115, 120

0, 103, 184

0, 31, 56

Inverse Universe

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

242, 126, 151

255, 107, 139

242, 172, 126

120, 108, 110

184, 0, 40

56, 0, 12

Previews

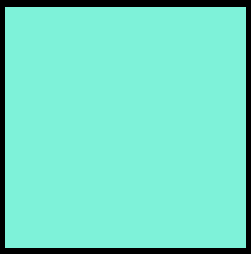
White Background

This preview shows how the RYB color 126, 191, 242 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



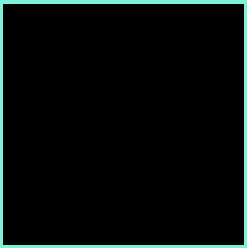
This preview shows how the RYB color 126, 191, 242 looks on a black background.

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, 191, 242 Background



This preview shows how black text looks on a background with the RYB color 126, 191, 242.

This preview shows how white text looks on a background with the RYB color 126, 191, 242.

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, 191, 242

Protanopia
217, 228, 205

Deuteranopia
241, 214, 223

Tritanopia
139, 192, 255

Trichromacy

Original Color
126, 191, 242

Protanomaly
191, 216, 228

Deuteranomaly
199, 212, 224

Tritanomaly
134, 187, 241

Monochromacy

Original Color
126, 191, 242

Achromatopsia
204, 204, 204

Achromatomaly
176, 200, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 191, 242 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, 242, 217) looks like.

```
.text, #text, p{
    color:rgb(126, 242, 217)
}
```

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, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 242, 217) }
```

Border

The CSS property to change the border of an element to RYB 126, 191, 242 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, 242, 217) }
```

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

```
.border{ border-color:rgb(126, 242, 217) }
```

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

Here you see how a box with a 4 pixel rgb(126, 242, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 242, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 242, 217); box-shadow:4px 4px 4px 4px rgb(126, 242, 217) }
```

Background

The CSS property to change the background color of an element to RYB 126, 191, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(126, 242, 217) }
```

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

```
.background{ background-color:rgb(126,
242, 217) }
```

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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