

Converting Colors

`RYB(110, 175, 242)`

Have a look what the booklet for
RYB(110, 175, 242) contains.

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Color

`RYB(110, 175, 242)`

Conversions

Conversions Part 1

Format	Color
Hex	6EEE2
RGB	110, 238, 242
RGB Percent	43%, 93%, 95%
CMY	0.5686, 0.0664, 0.0510
CMYK	0.55, 0.02, 0.00, 0.05
HSL	182°, 84%, 69%
HSV	182°, 55%, 95%
XYZ	53.0493, 70.9096, 94.8953
YIQ	200.1840, -77.5720, -25.8920

Conversions

Conversions Part 2

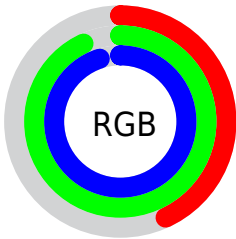
Format	Color
RYB	110, 175, 242
Decimal	7270130
CIELab	87.44, -34.20, -12.69
CIELCh	87, 36.475, 200.365
Yxy	70.9096, 0.2424, 0.3240
Android (android.graphics.Color)	4285460210 (0xFF6EEEF2)
YUV	200.1840, 20.6153, -79.0914
Hunter-Lab	84.2079, -34.9122, -7.8694

Details

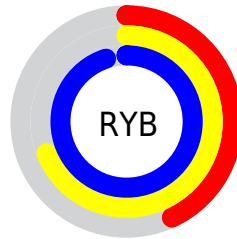
The RYB color **110, 175, 242** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **242, 114, 110**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **172, 214, 255**, and **35, 109, 186** is the 20% darker color. If you saturate the color by 10%, you get **86, 163, 242**, and if you desaturate by 10%, it is **134, 187, 242**.

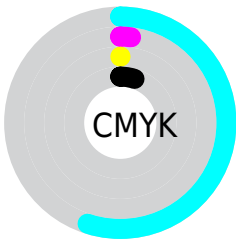
Distribution



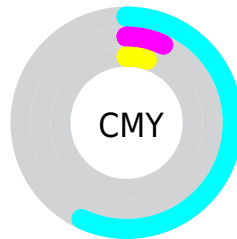
- Red (43%)
- Green (93%)
- Blue (95%)



- Red (43%)
- Yellow (69%)
- Blue (95%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)




- Cyan (57%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 175, 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 110, 175, 242 by changing the saturation by 10% instead.


 110, 175, 242


255, 255, 255


 172, 214, 255

 202, 229, 255

 232, 244, 255

 110, 175, 242

 77, 144, 214

 35, 109, 186


 0, 78, 159

 0, 65, 133

 0, 53, 108

 0, 40, 83

 0, 28, 60

 0, 18, 39

 0, 1, 18

■ 110, 175, 242

■ 110, 175, 242

■ 86, 163, 242

■ 134, 187, 242

■ 62, 151, 242

■ 158, 199, 242

■ 37, 138, 242

■ 183, 212, 242

■ 13, 126, 242

■ 207, 224, 242

■ 0, 119, 242

■ 231, 237, 242

■ 255, 242, 242

■ 255, 243, 242

■ 255, 244, 242

■ 255, 246, 242

Harmonies

Analogous

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



140, 199, 238



110, 175, 242



115, 179, 255

Triad

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



110, 175, 242



252, 202, 255



219, 254, 151

Complementary

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



110, 175, 242



242, 114, 110

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, 225, 167



110, 175, 242



255, 194, 232

Square

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



110, 175, 242



209, 214, 255



255, 194, 197



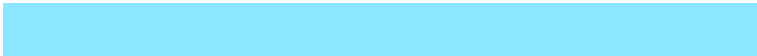
153, 224, 158

Rectangle

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



110, 175, 242



141, 191, 255



255, 194, 197



240, 255, 155

Sweetspot

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



110, 175, 242



214, 234, 255



110, 240, 242



103, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 175, 242



89, 171, 255



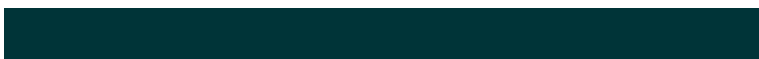
110, 153, 242



108, 114, 120



0, 90, 184



0, 27, 56

Inverse Universe

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



242, 110, 238



255, 89, 250



234, 242, 110



120, 108, 119



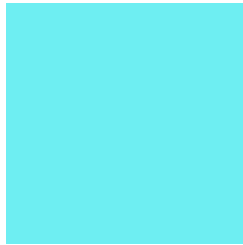
184, 0, 178



56, 0, 54

Previews

White Background



This preview shows how the RYB color 110, 175, 242 looks on a white background.

Color Contrast Check

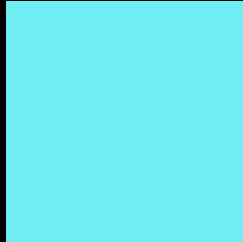
Large Text (above 18pt) WCAG AA × Fail

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 110, 175, 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 110, 175, 242 Background



This preview shows how black text looks on a background with the RYB color 110, 175, 242.

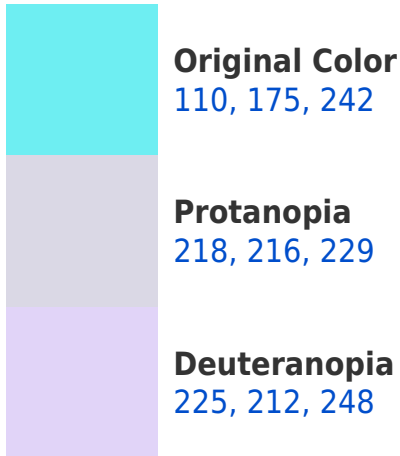


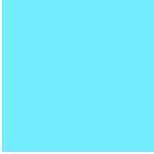
This preview shows how white text looks on a background with the RYB color 110, 175, 242.

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





Tritanopia
116, 180, 255

Trichromacy



Original Color

110, 175, 242



Protanomaly

179, 204, 234



Deuteranomaly

183, 207, 246



Tritanomaly

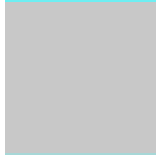
114, 179, 250

Monochromacy



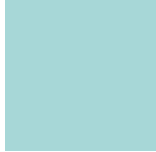
Original Color

110, 175, 242



Achromatopsia

200, 200, 200



Achromatomaly

167, 191, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 175, 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(110, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(110, 238, 242)  
}
```

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(110, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 238, 242) }
```

Border

The CSS property to change the border of an element to RYB 110, 175, 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(110, 238, 242) }
```

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

```
.border{ border-color:rgb(110, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(110, 238,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 110, 175, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 238, 242) }
```

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

```
.background{ background-color: rgb(110,  
238, 242) }
```

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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