

Converting Colors

`RYB(114, 184, 242)`

Have a look what the booklet for
RYB(114, 184, 242) contains.

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Color

R_YB(114, 184, 242)

Conversions

Conversions Part 1

Format	Color
Hex	72F2DC
RGB	114, 242, 220
RGB Percent	45%, 95%, 86%
CMY	0.5529, 0.0510, 0.1370
CMYK	0.53, 0.00, 0.09, 0.05
HSL	170°, 83%, 70%
HSV	170°, 53%, 95%
XYZ	51.6174, 72.2520, 78.9753
YIQ	201.2200, -69.2260, -33.9780

Conversions

Conversions Part 2

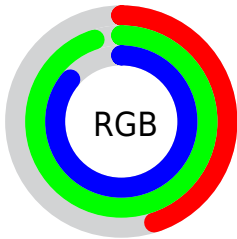
Format	Color
RYB	114, 184, 242
Decimal	7533276
CIELab	88.09, -40.73, -0.23
CIELCh	88, 40.730, 180.326
Yxy	72.2520, 0.2545, 0.3562
Android (android.graphics.Color)	4285723356 (0xFF72F2DC)
YUV	201.2200, 9.2585, -76.4919
Hunter-Lab	85.0012, -40.3570, 4.4140

Details

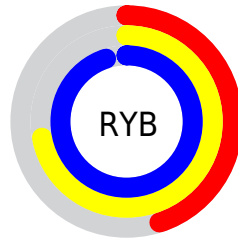
The RYB color **114, 184, 242** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **242, 114, 136**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **174, 215, 255**, and **46, 121, 185** is the 20% darker color. If you saturate the color by 10%, you get **90, 173, 242**, and if you desaturate by 10%, it is **138, 195, 242**.

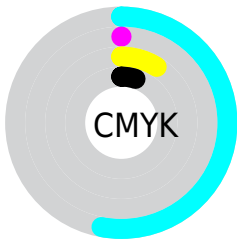
Distribution



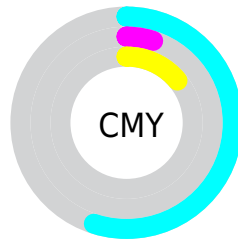
- Red (45%)
- Green (95%)
- Blue (86%)



- Red (45%)
- Yellow (72%)
- Blue (95%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)




- Cyan (55%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 184, 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 114, 184, 242 by changing the saturation by 10% instead.

 114, 184, 242


255, 255, 255


 174, 215, 255

 204, 230, 255

 235, 245, 255

 114, 184, 242

 82, 153, 213

 46, 121, 185

 0, 84, 158

 0, 70, 131

 0, 57, 105

 0, 44, 80

 0, 31, 56

 0, 21, 35

 0, 0, 0

■ 114, 184, 242

■ 114, 184, 242

■ 90, 173, 242

■ 138, 195, 242

■ 66, 162, 242

■ 162, 206, 242

■ 41, 151, 242

■ 187, 217, 242

■ 17, 140, 242

■ 211, 228, 242

■ 0, 132, 242

■ 235, 239, 242

■ 255, 242, 245

■ 255, 242, 249

■ 255, 242, 253

■ 255, 242, 255

Harmonies

Analogous

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



161, 222, 238



114, 184, 242



84, 166, 255

Triad

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



114, 184, 242



226, 211, 255



255, 255, 155

Complementary

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



114, 184, 242



242, 114, 136

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, 184



114, 184, 242



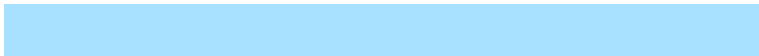
255, 198, 255

Square

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



114, 184, 242



168, 202, 255



255, 192, 222



181, 247, 143

Rectangle

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



114, 184, 242



95, 171, 255



255, 192, 222



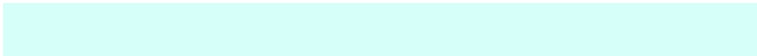
255, 228, 163

Sweetspot

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



114, 184, 242



214, 236, 255



114, 242, 219



103, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 184, 242



94, 182, 255



114, 166, 242



108, 115, 120



0, 101, 184



0, 31, 56

Inverse Universe

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



242, 114, 136



255, 94, 122



242, 174, 114



120, 108, 110



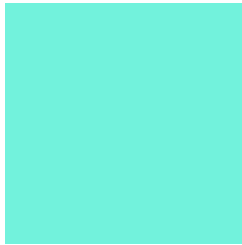
184, 0, 31



56, 0, 10

Previews

White Background



This preview shows how the RYB color 114, 184, 242 looks on a white background.

Color Contrast Check

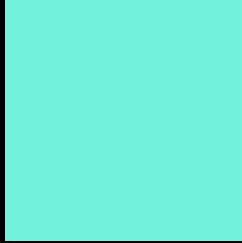
Large Text (above 18pt) WCAG AA × Fail

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 114, 184, 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

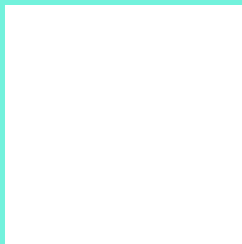
Any Text WCAG AAA ✓ Pass

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

RYB 114, 184, 242 Background



This preview shows how black text looks on a background with the RYB color 114, 184, 242.



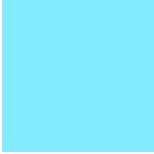
This preview shows how white text looks on a background with the RYB color 114, 184, 242.

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





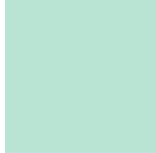
Tritanopia
130, 187, 255

Trichromacy



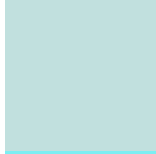
Original Color

114, 184, 242



Protanomaly

185, 211, 227



Deuteranomaly

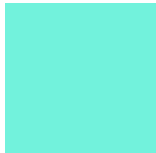
193, 209, 224



Tritanomaly

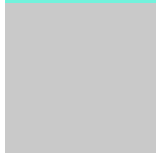
124, 182, 242

Monochromacy



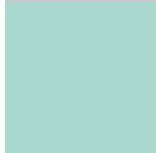
Original Color

114, 184, 242



Achromatopsia

201, 201, 201



Achromatomaly

169, 195, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 184, 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(114, 242, 220)` looks like.

```
.text, #text, p{  
    color:rgb(114, 242, 220)  
}
```

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(114, 242, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 242, 220) }
```

Border

The CSS property to change the border of an element to RYB 114, 184, 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(114, 242, 220) }
```

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

```
.border{ border-color:rgb(114, 242, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 242, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 242, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 242, 220); box-shadow:4px 4px 4px 4px rgb(114, 242, 220) }
```

Background

The CSS property to change the background color of an element to RYB 114, 184, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 242, 220) }
```

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

```
.background{ background-color: rgb(114,  
242, 220) }
```

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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