

Converting Colors

`RYB(162, 203, 243)`

Have a look what the booklet for
RYB(162, 203, 243) contains.

RYB(162, 203, 243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(162, 203, 243)`

Conversions

Conversions Part 1

Format	Color
Hex	A2F3F1
RGB	162, 243, 241
RGB Percent	64%, 95%, 95%
CMY	0.3647, 0.0471, 0.0548
CMYK	0.33, 0.00, 0.01, 0.05
HSL	179°, 77%, 79%
HSV	179°, 33%, 95%
XYZ	62.8317, 78.1349, 95.0082
YIQ	218.5530, -47.6340, -17.7940

Conversions

Conversions Part 2

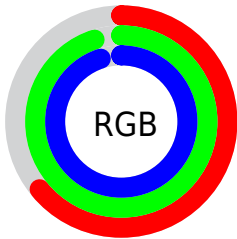
Format	Color
RYB	162, 203, 243
Decimal	10679281
CIELab	90.84, -24.96, -6.91
CIELCh	91, 25.899, 195.466
Yxy	78.1349, 0.2663, 0.3311
Android (android.graphics.Color)	4288869361 (0xFFA2F3F1)
YUV	218.5530, 11.0664, -49.5970
Hunter-Lab	88.3939, -27.8090, -1.8507

Details

The RYB color **162, 203, 243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **243, 162, 164**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **219, 237, 255**, and **106, 147, 187** is the 20% darker color. If you saturate the color by 10%, you get **138, 191, 243**, and if you desaturate by 10%, it is **186, 215, 243**.

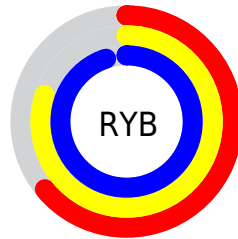
Distribution



Red (64%)

Green (95%)

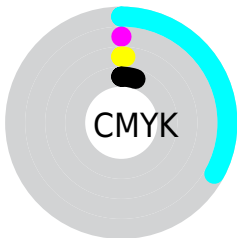
Blue (95%)



Red (64%)

Yellow (80%)

Blue (95%)

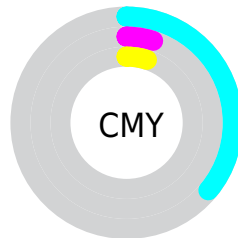


Cyan (33%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (36%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 203, 243 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 162, 203, 243 by changing the saturation by 10% instead.


 162, 203, 243

255, 255, 255


 219, 237, 255

 249, 252, 255


 162, 203, 243

 134, 174, 214

 106, 147, 187


 78, 119, 159

 49, 91, 133

 11, 60, 108

 0, 42, 83


 0, 30, 60

 0, 19, 38

 0, 5, 18

 162, 203, 243


 162, 203, 243

 138, 191, 243


 186, 215, 243

 113, 179, 243


 211, 227, 243

 89, 167, 243


 235, 239, 243

 65, 155, 243

 255, 243, 243

 41, 143, 243

 255, 243, 244

 16, 131, 243

 255, 243, 245

 0, 123, 243

 255, 243, 246

Harmonies

Analogous

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



179, 219, 242



162, 203, 243



163, 205, 255

Triad

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



162, 203, 243



249, 218, 255



237, 255, 181

Complementary

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



162, 203, 243



243, 162, 164

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, 228, 194



162, 203, 243



255, 212, 242

Square

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



162, 203, 243



217, 225, 255



255, 211, 217



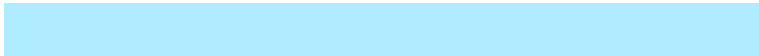
184, 234, 181

Rectangle

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



162, 203, 243



176, 210, 255



255, 211, 217



253, 255, 184

Sweetspot

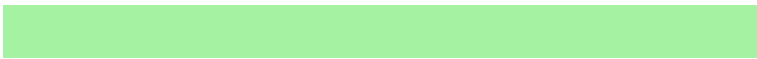
The Sweet Spot groups the original color and five complimentary colors.



162, 203, 243



230, 243, 255



162, 243, 240



112, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

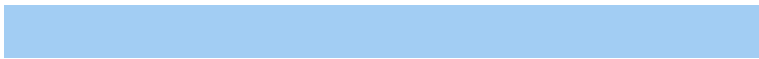
The Same Dimension uses a secret algorithm to generate beautiful new colors.



162, 203, 243



153, 205, 255



162, 190, 243



110, 116, 122



0, 94, 186



0, 30, 59

Inverse Universe

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



243, 162, 164



255, 153, 155



243, 234, 162



122, 110, 110



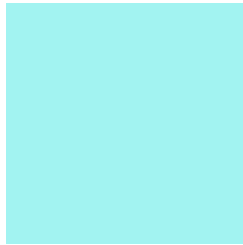
186, 0, 5



59, 0, 1

Previews

White Background



This preview shows how the RYB color 162, 203, 243 looks on a white background.

Color Contrast Check

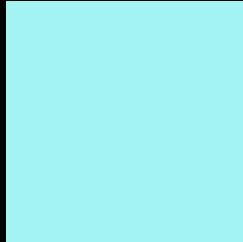
Large Text (above 18pt) WCAG AA × Fail

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 162, 203, 243 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 162, 203, 243 Background



This preview shows how black text looks on a background with the RYB color 162, 203, 243.



This preview shows how white text looks on a background with the RYB color 162, 203, 243.

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
177, 211, 255

Trichromacy



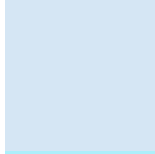
Original Color

162, 203, 243



Protanomaly

206, 220, 235



Deuteranomaly

213, 224, 244



Tritanomaly

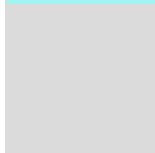
172, 208, 250

Monochromacy



Original Color

162, 203, 243



Achromatopsia

219, 219, 219



Achromatomaly

198, 213, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 203, 243 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(162, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(162, 243, 241)  
}
```

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(162, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 243, 241) }
```

Border

The CSS property to change the border of an element to RYB 162, 203, 243 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(162, 243, 241) }
```

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

```
.border{ border-color:rgb(162, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(162, 243,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 162, 203, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 243, 241) }
```

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

```
.background{ background-color: rgb(162,  
243, 241) }
```

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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