

Converting Colors

RGB(162, 242, 249)

Have a look what the booklet for
RGB(162, 242, 249) contains.

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Color

RGB(162, 242, 249)

Conversions

Conversions Part 1

Format	Color
Hex	A2F2F9
RGB	162, 242, 249
RGB Percent	64%, 95%, 98%
CMY	0.3647, 0.0510, 0.0235
CMYK	0.35, 0.03, 0.00, 0.02
HSL	185°, 88%, 81%
HSV	185°, 35%, 98%
XYZ	63.7513, 78.0252, 101.3229
YIQ	218.8780, -49.9270, -14.7830

Conversions

Conversions Part 2

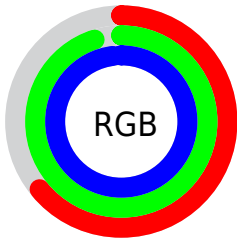
Format	Color
R _Y B	162, 204, 249
Decimal	10679033
CIE Lab	90.79, -22.63, -11.14
CIE LCh	91, 25.223, 206.201
Yxy	78.0252, 0.2622, 0.3210
Android (android.graphics.Color)	4288869113 (0xFFA2F2F9)
YUV	218.8780, 14.8501, -49.8820
Hunter-Lab	88.3319, -25.7529, -6.1775

Details

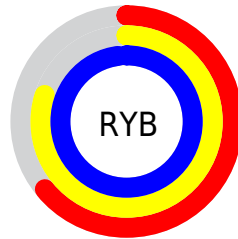
The RGB color **162, 242, 249** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **249, 169, 162**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **220, 255, 255**, and **106, 186, 193** is the 20% darker color. If you saturate the color by 10%, you get **137, 240, 249**, and if you desaturate by 10%, it is **187, 244, 249**.

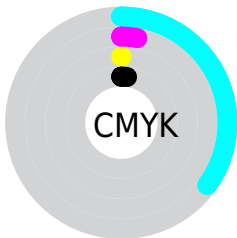
Distribution



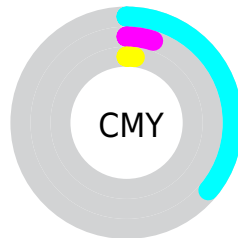
- Red (64%)
- Green (95%)
- Blue (98%)



- Red (64%)
- Yellow (80%)
- Blue (98%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 242, 249 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 RGB color 162, 242, 249 by changing the saturation by 10% instead.

 162, 242, 249

 162, 242, 249


255, 255, 255


 134, 214, 220

 220, 255, 255

 106, 186, 193

 249, 255, 255


 78, 159, 165

 48, 132, 139

 6, 107, 114

 0, 82, 89

 0, 59, 66

 0, 37, 44

 0, 7, 24

 162, 242, 249

 162, 242, 249

 137, 240, 249

 187, 244, 249

 112, 238, 249

 212, 246, 249

 87, 236, 249

 237, 248, 249

 62, 234, 249

 255, 250, 249

 37, 232, 249

 255, 252, 249

 13, 230, 249

 255, 254, 249

 0, 229, 249

 255, 255, 249

Harmonies

Analogous

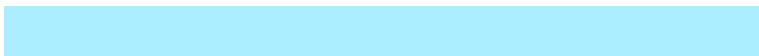
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173, 242, 225



162, 242, 249



171, 238, 255

Triad

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



162, 242, 249



255, 216, 255



250, 226, 181

Complementary

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



162, 242, 249



249, 169, 162

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, 218, 189



162, 242, 249



255, 212, 233

Square

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



162, 242, 249



229, 223, 255



255, 213, 208



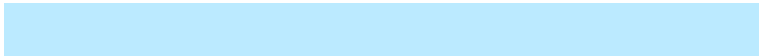
224, 234, 185

Rectangle

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



162, 242, 249



187, 234, 255



255, 213, 208



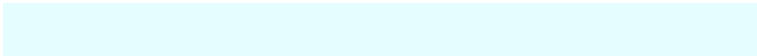
255, 223, 182

Sweetspot

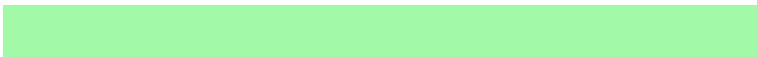
The Sweet Spot groups the original color and five complimentary colors.



162, 242, 249



230, 253, 255



162, 249, 168



112, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 242, 249



148, 246, 255



162, 200, 249



112, 124, 125



0, 174, 189



0, 56, 61

Inverse Universe

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



249, 162, 242



255, 148, 246



249, 211, 162



125, 112, 124



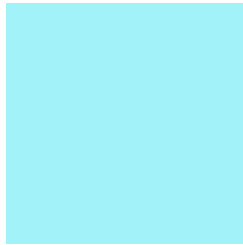
189, 0, 174



61, 0, 56

Previews

White Background



This preview shows how the RGB color 162, 242, 249 looks on a white background.

Color Contrast Check

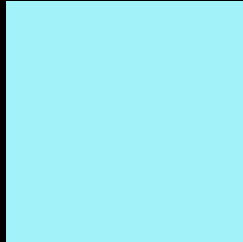
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 162, 242, 249 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](#).

RGB 162, 242, 249 Background



This preview shows how black text looks on a background with the RGB color 162, 242, 249.

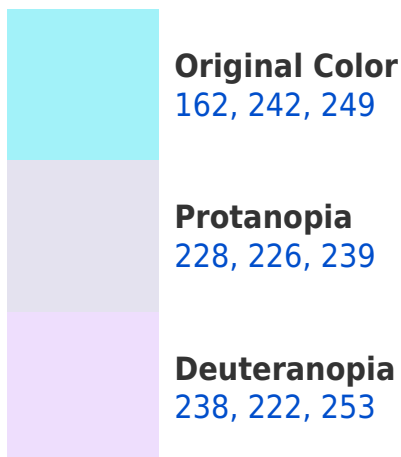


This preview shows how white text looks on a background with the RGB color 162, 242, 249.

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





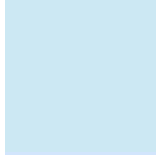
Tritanopia
176, 238, 255

Trichromacy



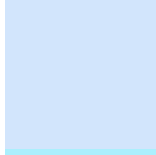
Original Color

162, 242, 249



Protanomaly

204, 232, 243



Deuteranomaly

210, 229, 252



Tritanomaly

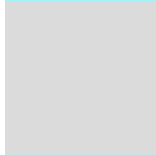
171, 239, 253

Monochromacy



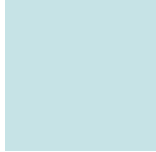
Original Color

162, 242, 249



Achromatopsia

219, 219, 219



Achromatomaly

198, 227, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 242, 249 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, 242, 249)` looks like.

```
.text, #text, p{  
    color:rgb(162, 242, 249)  
}
```

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, 242, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 242, 249) }
```

Border

The CSS property to change the border of an element to RGB 162, 242, 249 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, 242, 249) }
```

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

```
.border{ border-color:rgb(162, 242, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 242, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 242, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 242, 249);  
box-shadow:4px 4px 4px 4px rgb(162, 242,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 162, 242, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 242, 249) }
```

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

```
.background{ background-color: rgb(162,  
242, 249) }
```

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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