

Converting Colors

RGB(150, 202, 236)

Have a look what the booklet for
RGB(150, 202, 236) contains.

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Color

RGB(150, 202, 236)

Conversions

Conversions Part 1

Format	Color
Hex	96CAEC
RGB	150, 202, 236
RGB Percent	59%, 79%, 93%
CMY	0.4118, 0.2078, 0.0745
CMYK	0.36, 0.14, 0.00, 0.07
HSL	204°, 69%, 76%
HSV	204°, 36%, 93%
XYZ	48.8385, 54.7812, 87.3566
YIQ	190.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

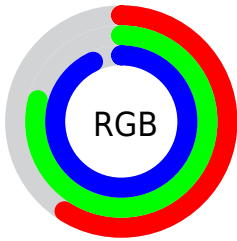
Format	Color
RYB	150, 182, 236
Decimal	9882348
CIELab	78.92, -8.64, -22.19
CIElCh	79, 23.817, 248.731
Yxy	54.7812, 0.2557, 0.2868
Android (android.graphics.Color)	4288072428 (0xFF96CAEC)
YUV	190.3280, 22.5163, -35.3677
Hunter-Lab	74.0143, -11.7415, -18.1680

Details

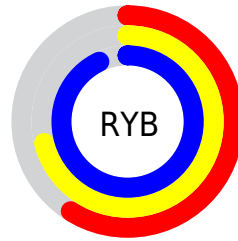
The RGB color **150, 202, 236** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **236, 184, 150**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **206, 255, 255**, and **95, 148, 180** is the 20% darker color. If you saturate the color by 10%, you get **126, 193, 236**, and if you desaturate by 10%, it is **174, 211, 236**.

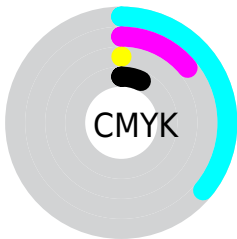
Distribution



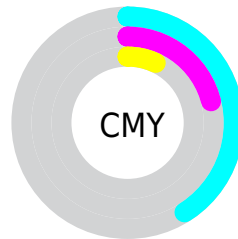
- Red (59%)
- Green (79%)
- Blue (93%)



- Red (59%)
- Yellow (71%)
- Blue (93%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 202, 236 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 150, 202, 236 by changing the saturation by 10% instead.


 150, 202, 236


255, 255, 255


 206, 255, 255

 235, 255, 255

 150, 202, 236

 123, 175, 208

 95, 148, 180

 68, 122, 153

 40, 97, 127

 0, 74, 102

 0, 51, 78


 0, 30, 55

 0, 2, 34

 0, 0, 8

 150, 202, 236


 150, 202, 236

 126, 193, 236


 174, 211, 236

 103, 183, 236


 197, 221, 236

 79, 174, 236

 221, 230, 236

 56, 165, 236

 244, 239, 236

 32, 155, 236

 255, 249, 236

 8, 146, 236

 255, 255, 236

 0, 143, 236

Harmonies

Analogous

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



134, 207, 222



150, 202, 236



178, 195, 239

Triad

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



150, 202, 236



240, 180, 190



181, 202, 160

Complementary

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



150, 202, 236



236, 184, 150

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.



206, 196, 152



150, 202, 236



239, 182, 169

Square

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



150, 202, 236



230, 182, 212



226, 189, 155



156, 207, 179

Rectangle

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



150, 202, 236



198, 190, 234



226, 189, 155



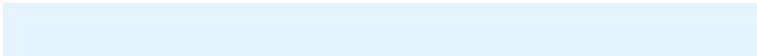
189, 200, 156

Sweetspot

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



150, 202, 236



227, 244, 255



150, 236, 183



111, 121, 128



0, 0, 0



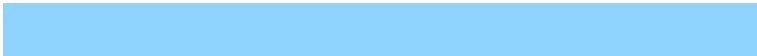
128, 128, 128

Same Dimension

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



150, 202, 236



143, 211, 255



150, 160, 236



106, 113, 117



0, 109, 181



0, 32, 54

Inverse Universe

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



236, 150, 202



255, 143, 211



236, 226, 150



117, 106, 113



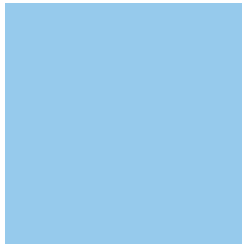
181, 0, 109



54, 0, 32

Previews

White Background



This preview shows how the RGB color 150, 202, 236 looks on a white background.

Color Contrast Check

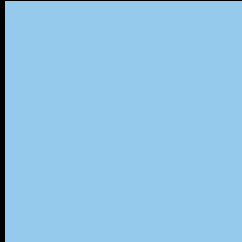
Large Text (above 18pt) WCAG AA × Fail

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 150, 202, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

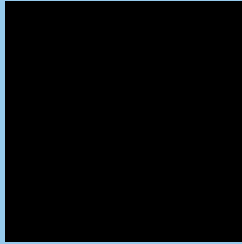
Any Text WCAG AA ✓ Pass

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 150, 202, 236 Background



This preview shows how black text looks on a background with the RGB color 150, 202, 236.

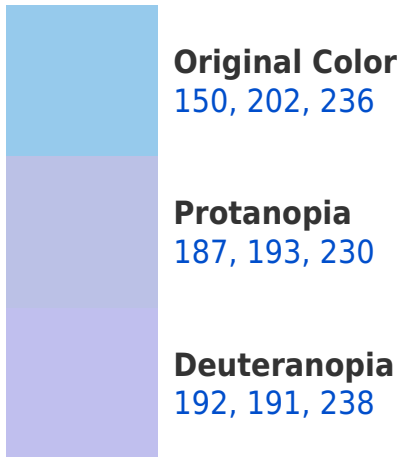


This preview shows how white text looks on a background with the RGB color 150, 202, 236.

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
146, 205, 221

Trichromacy



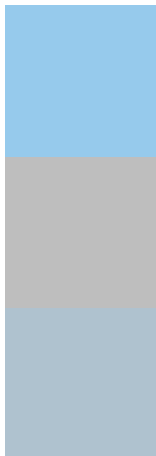
Original Color
150, 202, 236

Protanomaly
174, 196, 232

Deuteranomaly
177, 195, 237

Tritanomaly
147, 204, 226

Monochromacy



Original Color
150, 202, 236

Achromatopsia
190, 190, 190

Achromatomaly
175, 194, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 202, 236 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(150, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 236)  
}
```

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(150, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 236) }
```

Border

The CSS property to change the border of an element to RGB 150, 202, 236 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(150, 202, 236) }
```

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

```
.border{ border-color:rgb(150, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 202, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 202, 236); box-shadow:4px 4px 4px 4px rgb(150, 202, 236) }
```

Background

The CSS property to change the background color of an element to RGB 150, 202, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 236) }
```

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

```
.background{ background-color: rgb(150,  
202, 236) }
```

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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