

Converting Colors

RGB(150, 176, 227)

Have a look what the booklet for
RGB(150, 176, 227) contains.

RGB(150, 176, 227)	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

RGB(150, 176, 227)

Conversions

Conversions Part 1

Format	Color
Hex	96B0E3
RGB	150, 176, 227
RGB Percent	59%, 69%, 89%
CMY	0.4118, 0.3098, 0.1098
CMYK	0.34, 0.22, 0.00, 0.11
HSL	220°, 58%, 74%
HSV	220°, 34%, 89%
XYZ	41.9681, 43.0807, 78.7765
YIQ	174.0400, -31.8670, 10.3490

Conversions

Conversions Part 2

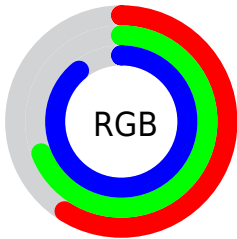
Format	Color
R_{YB}	150, 169, 227
Decimal	9875683
CIE _{Lab}	71.61, 3.11, -28.49
CIE _{LCh}	72, 28.664, 276.236
Yxy	43.0807, 0.2562, 0.2630
Android (android.graphics.Color)	4288065763 (0xFF96B0E3)
YUV	174.0400, 26.1093, -21.0831
Hunter-Lab	65.6359, -0.7285, -25.2149

Details

The RGB color **150, 176, 227** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **227, 201, 150**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **206, 231, 255**, and **96, 124, 171** is the 20% darker color. If you saturate the color by 10%, you get **127, 161, 227**, and if you desaturate by 10%, it is **173, 191, 227**.

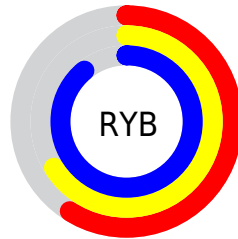
Distribution



Red (59%)

Green (69%)

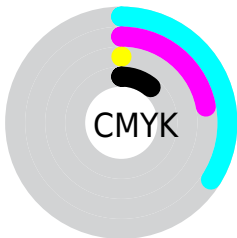
Blue (89%)



Red (59%)

Yellow (66%)

Blue (89%)

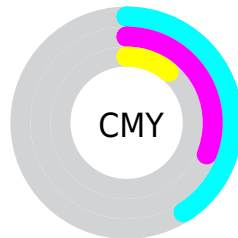


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (41%)


Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 176, 227 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, 176, 227 by changing the saturation by 10% instead.


 150, 176, 227


255, 255, 255


 206, 231, 255

 235, 255, 255

 150, 176, 227

 123, 149, 199

 96, 124, 171

 70, 99, 145

 44, 75, 119

 12, 53, 94

 0, 32, 70

 0, 7, 48

 0, 1, 26

 0, 0, 0

■ 150, 176, 227

■ 150, 176, 227

■ 127, 161, 227

■ 173, 191, 227

■ 105, 146, 227

■ 195, 206, 227

■ 82, 131, 227

■ 218, 221, 227

■ 59, 116, 227

■ 241, 236, 227

■ 37, 101, 227

■ 255, 251, 227

■ 14, 86, 227

■ 255, 255, 227

■ 0, 77, 227

Harmonies

Analogous

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



114, 184, 223



150, 176, 227



186, 167, 218

Triad

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



150, 176, 227



226, 159, 146



130, 188, 154

Complementary

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



150, 176, 227



227, 201, 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.



160, 183, 133



150, 176, 227



212, 167, 128

Square

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



150, 176, 227



227, 156, 171



189, 176, 123



104, 190, 180

Rectangle

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



150, 176, 227



206, 161, 205



189, 176, 123



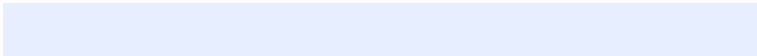
140, 187, 146

Sweetspot

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



150, 176, 227



230, 238, 255



150, 227, 200



112, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 176, 227



150, 186, 255



162, 150, 227



103, 107, 115



0, 60, 179



0, 17, 51

Inverse Universe

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



227, 150, 176



255, 150, 186



215, 227, 150



115, 103, 107



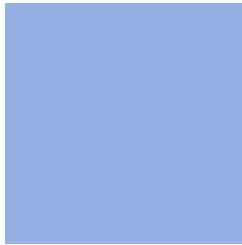
179, 0, 60



51, 0, 17

Previews

White Background



This preview shows how the RGB color 150, 176, 227 looks on a white background.

Color Contrast Check

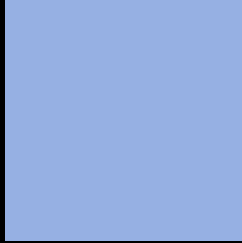
Large Text (above 18pt) WCAG AA × Fail

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, 176, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

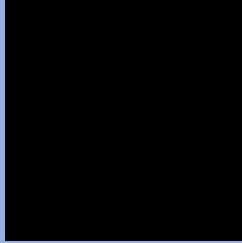
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

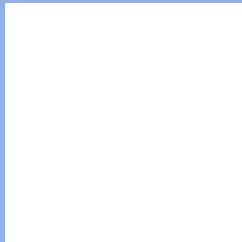
Any Text WCAG AAA ✓ Pass

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

RGB 150, 176, 227 Background



This preview shows how black text looks on a background with the RGB color 150, 176, 227.



This preview shows how white text looks on a background with the RGB color 150, 176, 227.

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](#).

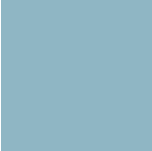
Dichromacy



Original Color
150, 176, 227

Protanopia
162, 173, 225

Deuteranopia
164, 172, 228



Tritanopia
143, 182, 196

Trichromacy



Original Color
150, 176, 227

Protanomaly
158, 174, 226

Deuteranomaly
159, 173, 228

Tritanomaly
146, 180, 207

Monochromacy



Original Color
150, 176, 227

Achromatopsia
174, 174, 174

Achromatomaly
165, 175, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 176, 227 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, 176, 227)` looks like.

```
.text, #text, p{  
    color:rgb(150, 176, 227)  
}
```

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, 176, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 176, 227) }
```

Border

The CSS property to change the border of an element to RGB 150, 176, 227 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, 176, 227) }
```

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

```
.border{ border-color:rgb(150, 176, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 176, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 176, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 176, 227);  
box-shadow:4px 4px 4px 4px rgb(150, 176,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 150, 176, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 176, 227) }
```

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

```
.background{ background-color: rgb(150,  
176, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor