

Converting Colors

RGB(146, 188, 237)

Have a look what the booklet for
RGB(146, 188, 237) contains.

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Color

RGB(146, 188, 237)

Conversions

Conversions Part 1

Format	Color
Hex	92BCED
RGB	146, 188, 237
RGB Percent	57%, 74%, 93%
CMY	0.4275, 0.2627, 0.0706
CMYK	0.38, 0.21, 0.00, 0.07
HSL	212°, 72%, 75%
HSV	212°, 38%, 93%
XYZ	45.1233, 48.1919, 87.0445
YIQ	181.0280, -40.7610, 6.3350

Conversions

Conversions Part 2

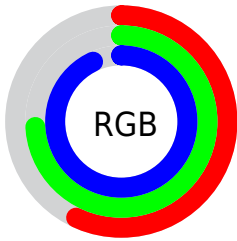
Format	Color
RYB	146, 175, 237
Decimal	9616621
CIELab	74.95, -1.95, -28.82
CIELCh	75, 28.883, 266.121
Yxy	48.1919, 0.2502, 0.2672
Android (android.graphics.Color)	4287806701 (0xFF92BCED)
YUV	181.0280, 27.5942, -30.7196
Hunter-Lab	69.4204, -5.4603, -25.7480

Details

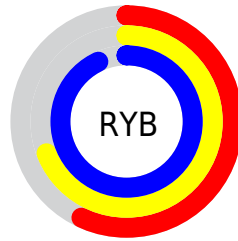
The RGB color **146, 188, 237** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **237, 195, 146**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **202, 244, 255**, and **91, 135, 181** is the 20% darker color. If you saturate the color by 10%, you get **122, 175, 237**, and if you desaturate by 10%, it is **170, 201, 237**.

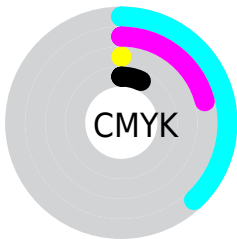
Distribution



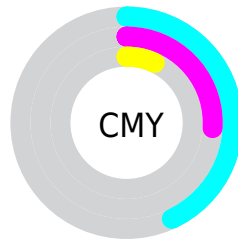
- Red (57%)
- Green (74%)
- Blue (93%)



- Red (57%)
- Yellow (69%)
- Blue (93%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 188, 237 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 146, 188, 237 by changing the saturation by 10% instead.

 146, 188, 237


255, 255, 255


 202, 244, 255

 231, 255, 255

 146, 188, 237

 119, 161, 209

 91, 135, 181

 64, 110, 154

 34, 85, 128

 0, 62, 103

 0, 41, 78

 0, 20, 55

 0, 2, 34

 0, 0, 7

■ 146, 188, 237

■ 146, 188, 237

■ 122, 175, 237

■ 170, 201, 237

■ 99, 162, 237

■ 193, 214, 237

■ 75, 150, 237

■ 217, 226, 237

■ 51, 137, 237

■ 241, 239, 237

■ 27, 124, 237

■ 255, 252, 237

■ 4, 111, 237

■ 255, 255, 237

■ 0, 109, 237

Harmonies

Analogous

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



114, 195, 228



146, 188, 237



184, 179, 232

Triad

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



146, 188, 237



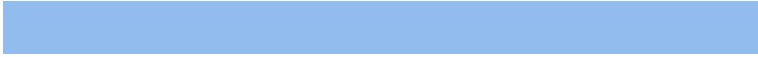
238, 166, 162



149, 196, 154

Complementary

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



146, 188, 237



237, 195, 146

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.



179, 190, 136



146, 188, 237



228, 173, 141

Square

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



146, 188, 237



234, 165, 189



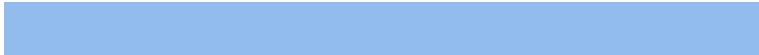
207, 182, 132



120, 199, 180

Rectangle

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



146, 188, 237



206, 173, 222



207, 182, 132



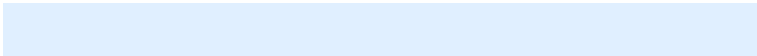
159, 194, 147

Sweetspot

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



146, 188, 237



224, 239, 255



146, 237, 195



110, 118, 128



0, 0, 0



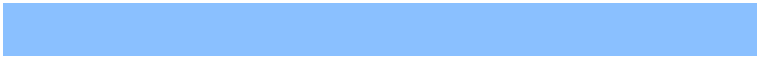
128, 128, 128

Same Dimension

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



146, 188, 237



138, 192, 255



149, 146, 237



106, 111, 117



0, 84, 181



0, 25, 54

Inverse Universe

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



237, 146, 188



255, 138, 192



234, 237, 146



117, 106, 111



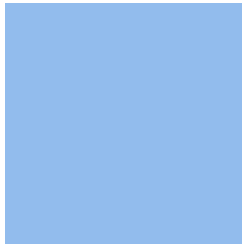
181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RGB color 146, 188, 237 looks on a white background.

Color Contrast Check

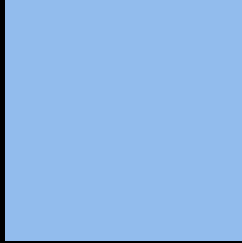
Large Text (above 18pt) WCAG AA × Fail

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 146, 188, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

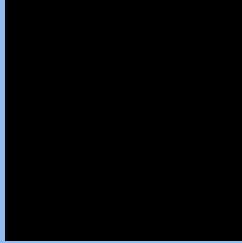
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

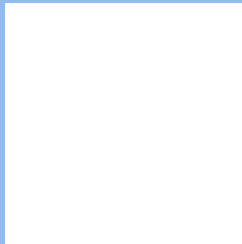
Any Text WCAG AAA ✓ Pass

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

RGB 146, 188, 237 Background



This preview shows how black text looks on a background with the RGB color 146, 188, 237.



This preview shows how white text looks on a background with the RGB color 146, 188, 237.

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](#).

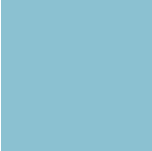
Dichromacy



Original Color
146, 188, 237

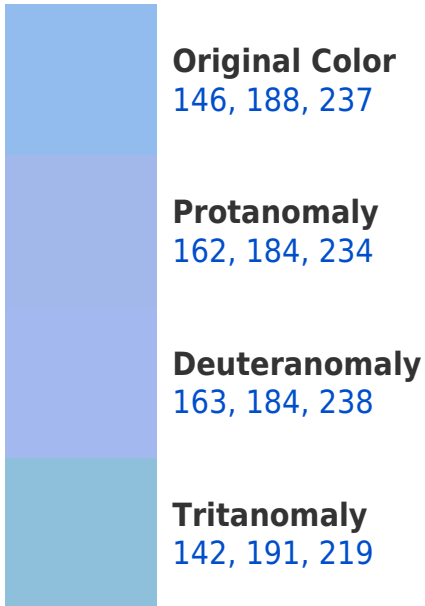
Protanopia
171, 182, 233

Deuteranopia
173, 181, 239

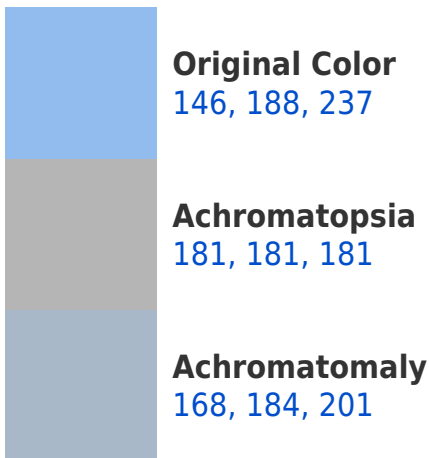


Tritanopia
139, 193, 209

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 188, 237 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(146, 188, 237)` looks like.

```
.text, #text, p{  
    color:rgb(146, 188, 237)  
}
```

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(146, 188, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 188, 237) }
```

Border

The CSS property to change the border of an element to RGB 146, 188, 237 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(146, 188, 237) }
```

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

```
.border{ border-color:rgb(146, 188, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 188, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 188, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 188, 237);  
box-shadow:4px 4px 4px 4px rgb(146, 188,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 146, 188, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 188, 237) }
```

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

```
.background{ background-color: rgb(146,  
188, 237) }
```

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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