

Converting Colors

RGB(140, 189, 241)

Have a look what the booklet for
RGB(140, 189, 241) contains.

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Color

RGB(140, 189, 241)

Conversions

Conversions Part 1

Format	Color
Hex	8CBDF1
RGB	140, 189, 241
RGB Percent	55%, 74%, 95%
CMY	0.4510, 0.2588, 0.0549
CMYK	0.42, 0.22, 0.00, 0.05
HSL	211°, 78%, 75%
HSV	211°, 42%, 95%
XYZ	44.8900, 48.3215, 90.1801
YIQ	180.2770, -45.8960, 5.7840

Conversions

Conversions Part 2

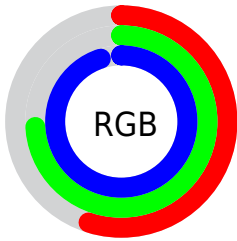
Format	Color
RYB	140, 173, 241
Decimal	9223665
CIELab	75.03, -2.98, -30.88
CIELCh	75, 31.022, 264.490
Yxy	48.3215, 0.2448, 0.2635
Android (android.graphics.Color)	4287413745 (0xFF8CBDF1)
YUV	180.2770, 29.9364, -35.3229
Hunter-Lab	69.5137, -6.3786, -28.2574

Details

The RGB color **140, 189, 241** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **241, 192, 140**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **197, 245, 255**, and **84, 136, 185** is the 20% darker color. If you saturate the color by 10%, you get **116, 177, 241**, and if you desaturate by 10%, it is **164, 201, 241**.

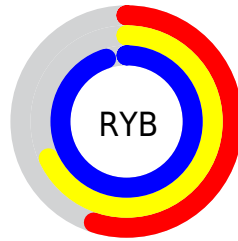
Distribution



Red (55%)

Green (74%)

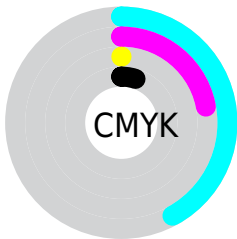
Blue (95%)



Red (55%)

Yellow (68%)

Blue (95%)

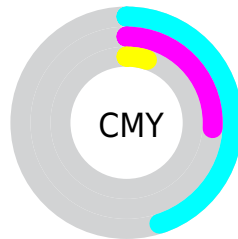


Cyan (42%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (45%)


Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 189, 241 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 140, 189, 241 by changing the saturation by 10% instead.


 140, 189, 241


255, 255, 255


 197, 245, 255


 226, 255, 255

 140, 189, 241

 112, 162, 213

 84, 136, 185

 55, 111, 158

 20, 86, 131

 0, 63, 106

 0, 42, 82

 0, 21, 58

 0, 2, 36

 0, 0, 12

■ 140, 189, 241

■ 140, 189, 241

■ 116, 177, 241

■ 164, 201, 241

■ 92, 164, 241

■ 188, 214, 241

■ 68, 152, 241

■ 212, 226, 241

■ 44, 139, 241

■ 236, 239, 241

■ 20, 127, 241

■ 255, 251, 241

■ 0, 117, 241

■ 255, 255, 241

Harmonies

Analogous

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



104, 196, 230



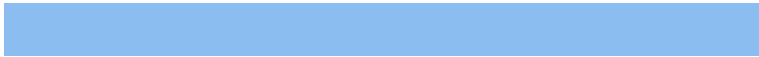
140, 189, 241



182, 179, 237

Triad

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



140, 189, 241



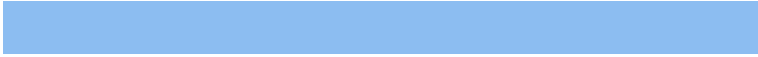
242, 165, 162



148, 197, 151

Complementary

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



140, 189, 241



241, 192, 140

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.



181, 190, 132



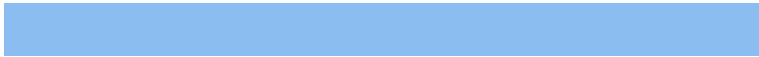
140, 189, 241



232, 172, 139

Square

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



140, 189, 241



237, 164, 191



210, 181, 128



116, 200, 178

Rectangle

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



140, 189, 241



206, 173, 226



210, 181, 128



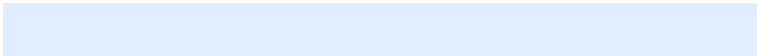
159, 195, 143

Sweetspot

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



140, 189, 241



222, 238, 255



140, 241, 191



107, 117, 128



0, 0, 0



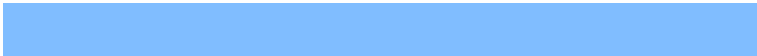
128, 128, 128

Same Dimension

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



140, 189, 241



128, 189, 255



140, 140, 241



108, 114, 120



0, 89, 184



0, 27, 56

Inverse Universe

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



241, 140, 189



255, 128, 189



241, 241, 140



120, 108, 114



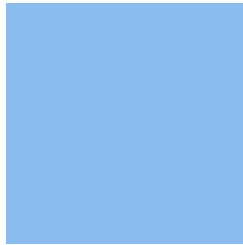
184, 0, 89



56, 0, 27

Previews

White Background



This preview shows how the RGB color 140, 189, 241 looks on a white background.

Color Contrast Check

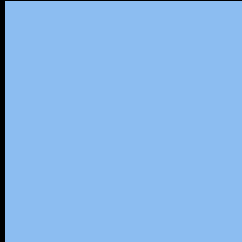
Large Text (above 18pt) WCAG AA × Fail

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 140, 189, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

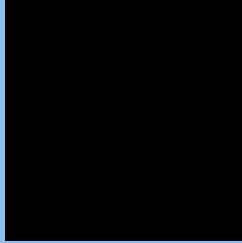
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

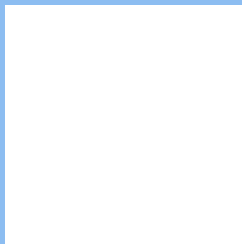
Any Text WCAG AAA ✓ Pass

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

RGB 140, 189, 241 Background



This preview shows how black text looks on a background with the RGB color 140, 189, 241.



This preview shows how white text looks on a background with the RGB color 140, 189, 241.

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](#).

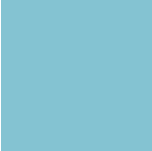
Dichromacy



Original Color
140, 189, 241

Protanopia
170, 182, 236

Deuteranopia
170, 181, 243



Tritanopia
132, 195, 210

Trichromacy



Original Color
140, 189, 241

Protanomaly
159, 185, 238

Deuteranomaly
159, 184, 242

Tritanomaly
135, 193, 221

Monochromacy



Original Color
140, 189, 241

Achromatopsia
180, 180, 180

Achromatomaly
165, 183, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 189, 241 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(140, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(140, 189, 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(140, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 189, 241) }
```

Border

The CSS property to change the border of an element to RGB 140, 189, 241 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(140, 189, 241) }
```

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

```
.border{ border-color:rgb(140, 189, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 189, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(140, 189,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 140, 189, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 189, 241) }
```

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

```
.background{ background-color: rgb(140,  
189, 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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