

Converting Colors

RGB(140, 160, 231)

Have a look what the booklet for
RGB(140, 160, 231) contains.

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Color

RGB(140, 160, 231)

Conversions

Conversions Part 1

Format	Color
Hex	8CA0E7
RGB	140, 160, 231
RGB Percent	55%, 63%, 91%
CMY	0.4510, 0.3725, 0.0941
CMYK	0.39, 0.31, 0.00, 0.09
HSL	227°, 65%, 73%
HSV	227°, 39%, 91%
XYZ	37.8098, 36.4866, 80.6511
YIQ	162.1140, -34.7110, 17.8410

Conversions

Conversions Part 2

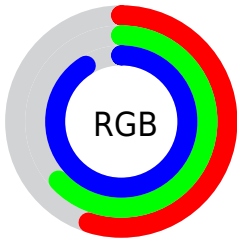
Format	Color
RYB	140, 156, 231
Decimal	9216231
CIELab	66.89, 10.44, -38.05
CIElCh	67, 39.452, 285.348
Yxy	36.4866, 0.2440, 0.2355
Android (android.graphics.Color)	4287406311 (0xFF8CA0E7)
YUV	162.1140, 33.9608, -19.3940
Hunter-Lab	60.4041, 6.0245, -36.8807

Details

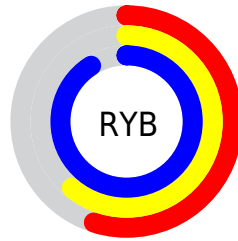
The RGB color **140, 160, 231** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **231, 211, 140**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **196, 215, 255**, and **85, 109, 175** is the 20% darker color. If you saturate the color by 10%, you get **117, 142, 231**, and if you desaturate by 10%, it is **163, 178, 231**.

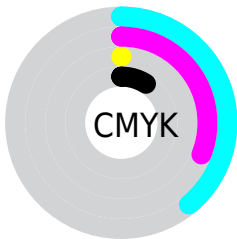
Distribution



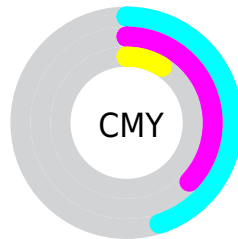
- Red (55%)
- Green (63%)
- Blue (91%)



- Red (55%)
- Yellow (61%)
- Blue (91%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)




- Cyan (45%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 160, 231 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, 160, 231 by changing the saturation by 10% instead.


 140, 160, 231

255, 255, 255


 196, 215, 255


 225, 243, 255

255, 255, 255

 140, 160, 231

 113, 134, 203

 85, 109, 175

 58, 85, 148

 26, 62, 122

 0, 40, 97

 0, 21, 73

 0, 4, 50

 0, 1, 28

 0, 0, 0

■ 140, 160, 231

■ 140, 160, 231

■ 117, 142, 231

■ 163, 178, 231

■ 94, 124, 231

■ 186, 196, 231

■ 71, 106, 231

■ 209, 214, 231

■ 48, 88, 231

■ 232, 232, 231

■ 25, 70, 231

■ 255, 250, 231

■ 1, 52, 231

■ 255, 255, 231

■ 0, 51, 231

Harmonies

Analogous

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



74, 171, 231



140, 160, 231



190, 147, 213

Triad

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



140, 160, 231



224, 142, 114



80, 180, 144

Complementary

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



140, 160, 231



231, 211, 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.



128, 175, 112



140, 160, 231



201, 155, 94

Square

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



140, 160, 231



232, 135, 146



168, 166, 93



0, 182, 180

Rectangle

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



140, 160, 231



212, 139, 193



168, 166, 93



97, 179, 132

Sweetspot

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



140, 160, 231



224, 231, 255



140, 231, 210



110, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 160, 231



135, 161, 255



164, 140, 231



103, 106, 115



0, 39, 179



0, 11, 51

Inverse Universe

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



231, 140, 160



255, 135, 161



207, 231, 140



115, 103, 106



179, 0, 39



51, 0, 11

Previews

White Background



This preview shows how the RGB color 140, 160, 231 looks on a white background.

Color Contrast Check

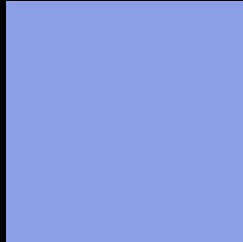
Large Text (above 18pt) WCAG AA × Fail

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, 160, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

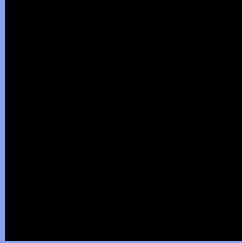
Any Text WCAG AA ✓ Pass

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, 160, 231 Background



This preview shows how black text looks on a background with the RGB color 140, 160, 231.



This preview shows how white text looks on a background with the RGB color 140, 160, 231.

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, 160, 231

Protanopia

140, 160, 231

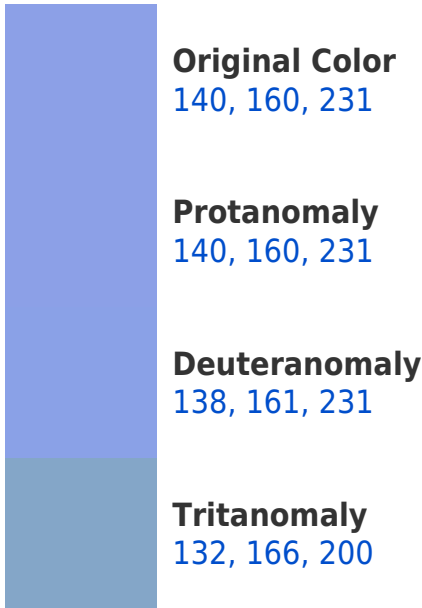
Deuteranopia

137, 161, 231

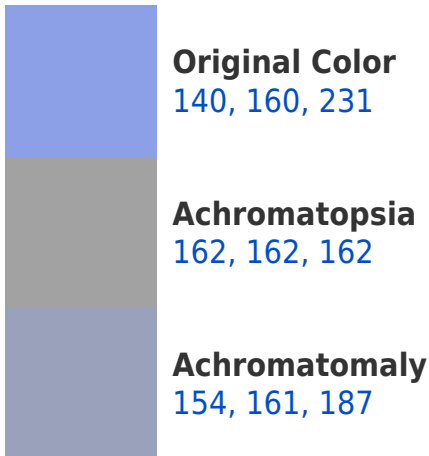


Tritanopia
128, 169, 183

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 160, 231 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, 160, 231)` looks like.

```
.text, #text, p{  
    color:rgb(140, 160, 231)  
}
```

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, 160, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 160, 231) }
```

Border

The CSS property to change the border of an element to RGB 140, 160, 231 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, 160, 231) }
```

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

```
.border{ border-color:rgb(140, 160, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 160, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 160, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 160, 231);  
box-shadow:4px 4px 4px 4px rgb(140, 160,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 140, 160, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 160, 231) }
```

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

```
.background{ background-color: rgb(140,  
160, 231) }
```

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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