

Converting Colors

RGB(130, 168, 254)

Have a look what the booklet for
RGB(130, 168, 254) contains.

RGB(130, 168, 254)	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(130, 168, 254)

Conversions

Conversions Part 1

Format	Color
Hex	82A8FE
RGB	130, 168, 254
RGB Percent	51%, 66%, 100%
CMY	0.4902, 0.3412, 0.0039
CMYK	0.49, 0.34, 0.00, 0.00
HSL	222°, 98%, 75%
HSV	222°, 49%, 100%
XYZ	41.0979, 39.9068, 99.3026
YIQ	166.4420, -50.2540, 18.6900

Conversions

Conversions Part 2

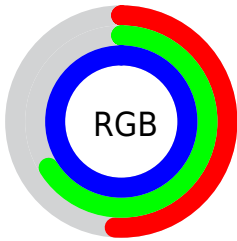
Format	Color
R _Y B	130, 159, 254
Decimal	8562942
CIE Lab	69.40, 9.97, -46.71
CIE LCh	69, 47.760, 282.055
Yxy	39.9068, 0.2279, 0.2213
Android (android.graphics.Color)	4286753022 (0xFF82A8FE)
YUV	166.4420, 43.1661, -31.9596
Hunter-Lab	63.1719, 5.5766, -48.9802

Details

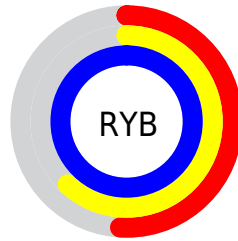
The RGB color **130, 168, 254** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **254, 216, 130**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **188, 223, 255**, and **70, 116, 197** is the 20% darker color. If you saturate the color by 10%, you get **105, 150, 254**, and if you desaturate by 10%, it is **155, 186, 254**.

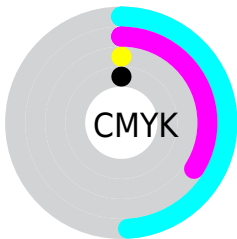
Distribution



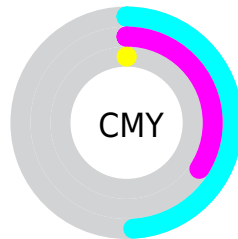
- Red (51%)
- Green (66%)
- Blue (100%)



- Red (51%)
- Yellow (62%)
- Blue (100%)



- Cyan (49%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 130, 168, 254 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 130, 168, 254 by changing the saturation by 10% instead.


 130, 168, 254

 130, 168, 254

255, 255, 255

 101, 142, 225

 188, 223, 255

 70, 116, 197

 218, 251, 255

 35, 92, 169

 248, 255, 255

 0, 69, 142

 0, 47, 116

 0, 28, 91

 0, 2, 67

 0, 3, 44

 0, 1, 22

■ 130, 168, 254

■ 130, 168, 254

■ 105, 150, 254

■ 155, 186, 254

■ 79, 133, 254

■ 181, 203, 254

■ 54, 115, 254

■ 206, 221, 254

■ 28, 98, 254

■ 232, 238, 254

■ 3, 80, 254

255, 255, 254

■ 0, 78, 254

Harmonies

Analogous

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



0, 181, 251



130, 168, 254



196, 151, 234

Triad

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



130, 168, 254



244, 143, 113



67, 190, 141

Complementary

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



130, 168, 254



254, 216, 130

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.



131, 184, 103



130, 168, 254



217, 158, 86

Square

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



130, 168, 254



252, 134, 154



179, 173, 82



0, 192, 186

Rectangle

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



130, 168, 254



226, 141, 211



179, 173, 82



92, 188, 127

Sweetspot

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



130, 168, 254



217, 228, 255



130, 254, 215



105, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 168, 254



105, 151, 255



153, 130, 254



115, 119, 128



0, 59, 191



0, 20, 64

Inverse Universe

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



254, 130, 168



255, 105, 151



231, 254, 130



128, 115, 119



191, 0, 59



64, 0, 20

Previews

White Background



This preview shows how the RGB color 130, 168, 254 looks on a white background.

Color Contrast Check

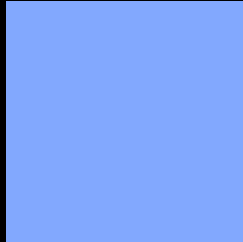
Large Text (above 18pt) WCAG AA × Fail

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 130, 168, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

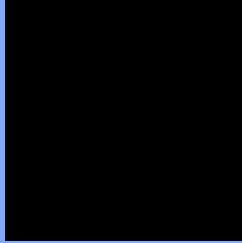
Any Text WCAG AA ✓ Pass

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 130, 168, 254 Background



This preview shows how black text looks on a background with the RGB color 130, 168, 254.



This preview shows how white text looks on a background with the RGB color 130, 168, 254.

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

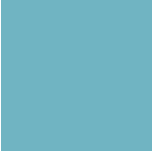
130, 168, 254

Protanopia

139, 166, 252

Deuteranopia

129, 168, 254



Tritanopia
112, 180, 194

Trichromacy



Original Color
130, 168, 254

Protanomaly
136, 167, 253

Deuteranomaly
129, 168, 254

Tritanomaly
119, 176, 216

Monochromacy



Original Color
130, 168, 254

Achromatopsia
166, 166, 166

Achromatomaly
153, 167, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 168, 254 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(130, 168, 254)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 254)  
}
```

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(130, 168, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 254) }
```

Border

The CSS property to change the border of an element to RGB 130, 168, 254 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(130, 168, 254) }
```

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

```
.border{ border-color:rgb(130, 168, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 168, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 168, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 168, 254); box-shadow:4px 4px 4px 4px rgb(130, 168, 254) }
```

Background

The CSS property to change the background color of an element to RGB 130, 168, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 254) }
```

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

```
.background{ background-color: rgb(130,  
168, 254) }
```

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