

Converting Colors

RGB(145, 170, 248)

Have a look what the booklet for
RGB(145, 170, 248) contains.

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Color

RGB(145, 170, 248)

Conversions

Conversions Part 1

Format	Color
Hex	91AAF8
RGB	145, 170, 248
RGB Percent	57%, 67%, 97%
CMY	0.4314, 0.3333, 0.0275
CMYK	0.42, 0.31, 0.00, 0.03
HSL	225°, 88%, 77%
HSV	225°, 42%, 97%
XYZ	42.9951, 41.5465, 94.5601
YIQ	171.4170, -39.9380, 18.9580

Conversions

Conversions Part 2

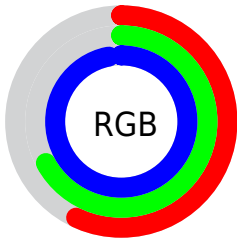
Format	Color
R _Y B	145, 165, 248
Decimal	9546488
CIE Lab	70.56, 10.73, -41.58
CIE LCh	71, 42.941, 284.472
Yxy	41.5465, 0.2401, 0.2320
Android (android.graphics.Color)	4287736568 (0xFF91AAF8)
YUV	171.4170, 37.7554, -23.1677
Hunter-Lab	64.4566, 6.2675, -41.8610

Details

The RGB color **145, 170, 248** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **248, 223, 145**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **202, 225, 255**, and **89, 118, 191** is the 20% darker color. If you saturate the color by 10%, you get **120, 151, 248**, and if you desaturate by 10%, it is **170, 189, 248**.

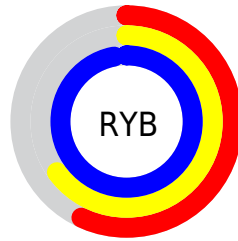
Distribution



Red (57%)

Green (67%)

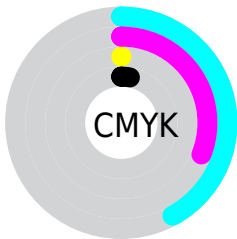
Blue (97%)



Red (57%)

Yellow (65%)

Blue (97%)

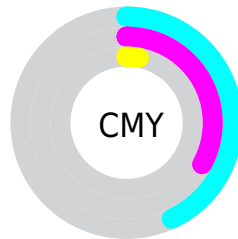


Cyan (42%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (43%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RGB color 145, 170, 248 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 145, 170, 248 by changing the saturation by 10% instead.


 145, 170, 248

 145, 170, 248


255, 255, 255

 117, 144, 219

 202, 225, 255

 89, 118, 191

 231, 254, 255

 60, 94, 164

 27, 70, 137

 0, 48, 111

 0, 28, 87

 0, 0, 63

 0, 3, 40

 0, 1, 18

■ 145, 170, 248

■ 145, 170, 248

■ 120, 151, 248

■ 170, 189, 248

■ 95, 132, 248

■ 195, 208, 248

■ 71, 114, 248

■ 219, 226, 248

■ 46, 95, 248

■ 244, 245, 248

■ 21, 76, 248

■ 255, 255, 248

■ 0, 60, 248

Harmonies

Analogous

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



67, 182, 247



145, 170, 248



201, 155, 229

Triad

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



145, 170, 248



240, 150, 120



82, 192, 150

Complementary

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



145, 170, 248



248, 223, 145

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.



135, 186, 115



145, 170, 248



215, 163, 97

Square

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



145, 170, 248



248, 142, 155



179, 176, 95



0, 193, 191

Rectangle

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



145, 170, 248



226, 147, 207



179, 176, 95



101, 190, 138

Sweetspot

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



145, 170, 248



224, 232, 255



145, 248, 222



110, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 170, 248



128, 158, 255



171, 145, 248



112, 115, 125



0, 46, 189



0, 15, 61

Inverse Universe

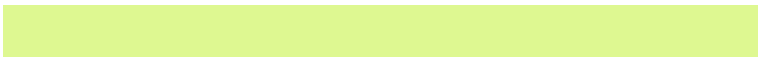
The Inverse Universe completely reimagines the original color for something new.



248, 145, 170



255, 128, 158



222, 248, 145



125, 112, 115



189, 0, 46



61, 0, 15

Previews

White Background



This preview shows how the RGB color 145, 170, 248 looks on a white background.

Color Contrast Check

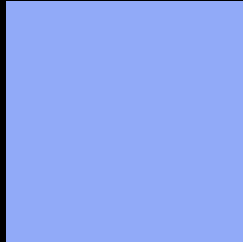
Large Text (above 18pt) WCAG AA × Fail

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 145, 170, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

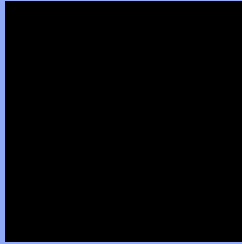
Any Text WCAG AA ✓ Pass

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 145, 170, 248 Background



This preview shows how black text looks on a background with the RGB color 145, 170, 248.



This preview shows how white text looks on a background with the RGB color 145, 170, 248.

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](#).

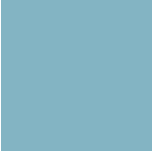
Dichromacy



Original Color
145, 170, 248

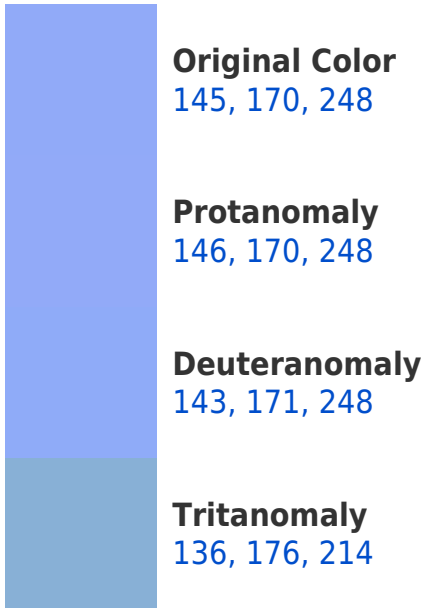
Protanopia
147, 170, 248

Deuteranopia
142, 171, 248

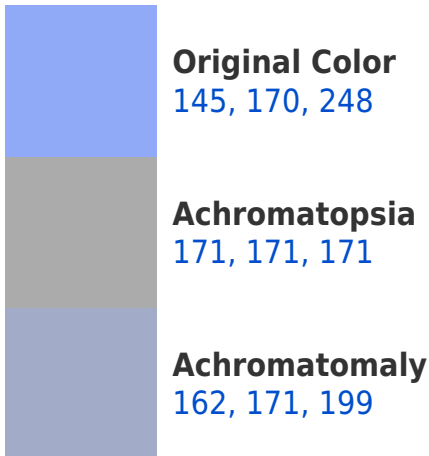


Tritanopia
131, 180, 195

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 170, 248 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(145, 170, 248)` looks like.

```
.text, #text, p{  
    color:rgb(145, 170, 248)  
}
```

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(145, 170, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 170, 248) }
```

Border

The CSS property to change the border of an element to RGB 145, 170, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

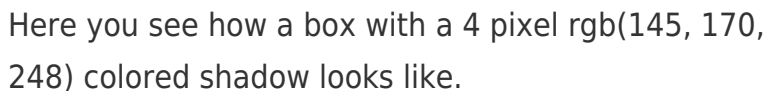
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 170, 248) }
```

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

```
.border{ border-color:rgb(145, 170, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 170, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 170, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 170, 248);  
box-shadow:4px 4px 4px 4px rgb(145, 170,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 145, 170, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 170, 248) }
```

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

```
.background{ background-color: rgb(145,  
170, 248) }
```

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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