

Converting Colors

RGB(135, 145, 223)

Have a look what the booklet for
RGB(135, 145, 223) contains.

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Color

RGB(135, 145, 223)

Conversions

Conversions Part 1

Format	Color
Hex	8791DF
RGB	135, 145, 223
RGB Percent	53%, 57%, 87%
CMY	0.4706, 0.4314, 0.1255
CMYK	0.39, 0.35, 0.00, 0.13
HSL	233°, 58%, 70%
HSV	233°, 39%, 87%
XYZ	33.4364, 30.7294, 73.9811
YIQ	150.9020, -30.9980, 22.1380

Conversions

Conversions Part 2

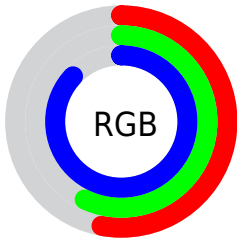
Format	Color
R_{YB}	135, 144, 223
Decimal	8884703
CIE _{Lab}	62.28, 15.56, -40.86
CIE _{LCh}	62, 43.724, 290.841
Yxy	30.7294, 0.2420, 0.2224
Android (android.graphics.Color)	4287074783 (0xFF8791DF)
YUV	150.9020, 35.5443, -13.9461
Hunter-Lab	55.4341, 10.6567, -40.3232

Details

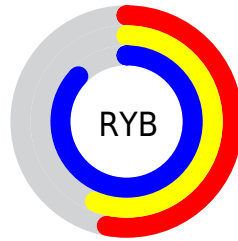
The RGB color **135, 145, 223** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **223, 213, 135**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **191, 199, 255**, and **80, 95, 167** is the 20% darker color. If you saturate the color by 10%, you get **113, 125, 223**, and if you desaturate by 10%, it is **157, 165, 223**.

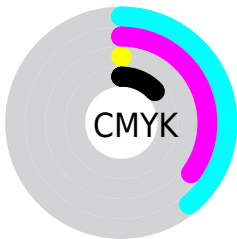
Distribution



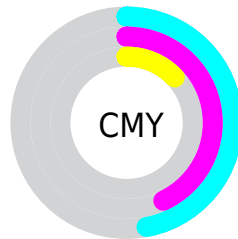
- Red (53%)
- Green (57%)
- Blue (87%)



- Red (53%)
- Yellow (56%)
- Blue (87%)



- Cyan (39%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (43%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the RGB color 135, 145, 223 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 135, 145, 223 by changing the saturation by 10% instead.


 135, 145, 223

255, 255, 255


 191, 199, 255

 220, 227, 255

 249, 255, 255

 135, 145, 223

 108, 119, 195

 80, 95, 167

 53, 71, 141

 20, 49, 115

 0, 29, 90

 0, 3, 66

 0, 3, 43

 0, 1, 21

 0, 0, 0

■ 135, 145, 223

■ 135, 145, 223

■ 113, 125, 223

■ 157, 165, 223

■ 90, 105, 223

■ 180, 185, 223

■ 68, 86, 223

■ 202, 204, 223

■ 46, 66, 223

■ 224, 224, 223

■ 24, 46, 223

■ 247, 244, 223

■ 1, 26, 223

■ 255, 255, 223

■ 0, 25, 223

Harmonies

Analogous

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



51, 158, 227



135, 145, 223



187, 130, 200

Triad

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



135, 145, 223



212, 130, 92



30, 170, 137

Complementary

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



135, 145, 223



223, 213, 135

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.



102, 165, 100



135, 145, 223



184, 144, 73

Square

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



135, 145, 223



224, 120, 125



147, 157, 75



0, 170, 177

Rectangle

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



135, 145, 223



209, 122, 177



147, 157, 75



62, 169, 124

Sweetspot

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



135, 145, 223



224, 228, 255



135, 223, 213



110, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 145, 223



135, 149, 255



169, 135, 223



101, 102, 112



0, 20, 176



0, 6, 48

Inverse Universe

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



223, 135, 145



255, 135, 149



189, 223, 135



112, 101, 102



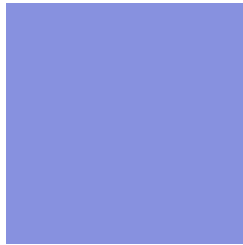
176, 0, 20



48, 0, 6

Previews

White Background



This preview shows how the RGB color 135, 145, 223 looks on a white background.

Color Contrast Check

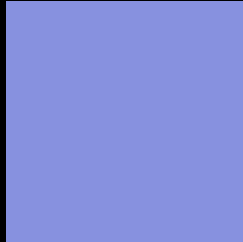
Large Text (above 18pt) WCAG AA × Fail

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 135, 145, 223 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 135, 145, 223 Background



This preview shows how black text looks on a background with the RGB color 135, 145, 223.



This preview shows how white text looks on a background with the RGB color 135, 145, 223.

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
135, 145, 223

Protanopia
124, 148, 225

Deuteranopia
119, 149, 222



Tritanopia
122, 156, 169

Trichromacy



Original Color
135, 145, 223

Protanomaly
128, 147, 224

Deuteranomaly
125, 148, 222

Tritanomaly
127, 152, 189

Monochromacy



Original Color
135, 145, 223

Achromatopsia
151, 151, 151

Achromatomaly
145, 149, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 145, 223 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(135, 145, 223)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 223)  
}
```

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(135, 145, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 223) }
```

Border

The CSS property to change the border of an element to RGB 135, 145, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

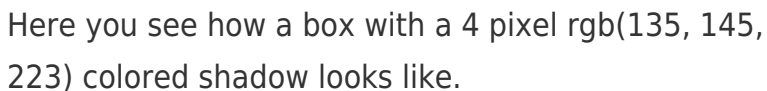
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 145, 223) }
```

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

```
.border{ border-color:rgb(135, 145, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 145, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 145, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 145, 223); box-shadow:4px 4px 4px 4px rgb(135, 145, 223) }
```

Background

The CSS property to change the background color of an element to RGB 135, 145, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 223) }
```

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

```
.background{ background-color: rgb(135,  
145, 223) }
```

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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