

Converting Colors

RGB(135, 156, 240)

Have a look what the booklet for
RGB(135, 156, 240) contains.

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Color

RGB(135, 156, 240)

Conversions

Conversions Part 1

Format	Color
Hex	879CF0
RGB	135, 156, 240
RGB Percent	53%, 61%, 94%
CMY	0.4706, 0.3882, 0.0588
CMYK	0.44, 0.35, 0.00, 0.06
HSL	228°, 78%, 74%
HSV	228°, 44%, 94%
XYZ	37.6083, 35.2191, 87.2539
YIQ	159.2970, -39.4800, 21.6720

Conversions

Conversions Part 2

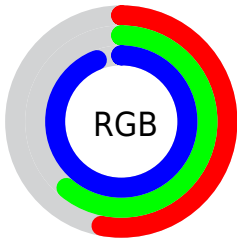
Format	Color
R _Y B	135, 153, 240
Decimal	8887536
CIE Lab	65.92, 13.97, -44.53
CIE LCh	66, 46.670, 287.423
Yxy	35.2191, 0.2349, 0.2200
Android (android.graphics.Color)	4287077616 (0xFF879CF0)
YUV	159.2970, 39.7866, -21.3085
Hunter-Lab	59.3457, 9.2634, -45.6300

Details

The RGB color **135, 156, 240** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **240, 219, 135**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **192, 210, 255**, and **79, 105, 184** is the 20% darker color. If you saturate the color by 10%, you get **111, 137, 240**, and if you desaturate by 10%, it is **159, 175, 240**.

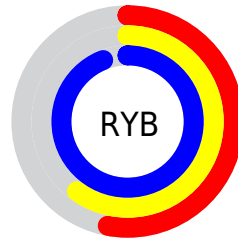
Distribution



Red (53%)

Green (61%)

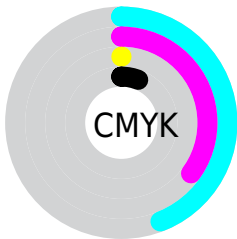
Blue (94%)



Red (53%)

Yellow (60%)

Blue (94%)

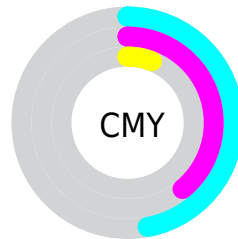


Cyan (44%)

Magenta (35%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (39%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 156, 240 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, 156, 240 by changing the saturation by 10% instead.

■ 135, 156, 240

255, 255, 255

■ 192, 210, 255

■ 221, 239, 255

■ 251, 255, 255

■ 135, 156, 240

■ 107, 130, 211

■ 79, 105, 184

■ 48, 81, 156

■ 4, 59, 130

■ 0, 38, 104

■ 0, 18, 80


■ 0, 5, 56

■ 0, 2, 34


■ 0, 0, 7

 135, 156, 240

 135, 156, 240

 111, 137, 240

 159, 175, 240


 87, 118, 240

 183, 194, 240

 63, 98, 240

 207, 214, 240

 39, 79, 240

 231, 233, 240

 15, 60, 240

 255, 252, 240

 0, 48, 240

 255, 255, 240

Harmonies

Analogous

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



26, 170, 241



135, 156, 240



194, 140, 217

Triad

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



135, 156, 240



228, 136, 100



41, 180, 141

Complementary

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



135, 156, 240



240, 219, 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.



114, 175, 102



135, 156, 240



200, 152, 77

Square

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



135, 156, 240



240, 126, 137



161, 165, 77



0, 182, 184

Rectangle

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



135, 156, 240



220, 131, 193



161, 165, 77



72, 179, 127

Sweetspot

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



135, 156, 240



222, 228, 255



135, 240, 219



107, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 156, 240



120, 147, 255



166, 135, 240



108, 110, 120



0, 37, 184



0, 11, 56

Inverse Universe

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



240, 135, 156



255, 120, 147



208, 240, 135



120, 108, 110



184, 0, 37



56, 0, 11

Previews

White Background



This preview shows how the RGB color 135, 156, 240 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, 156, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

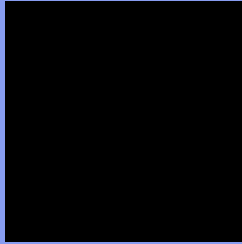
Any Text WCAG AA ✓ Pass

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, 156, 240 Background



This preview shows how black text looks on a background with the RGB color 135, 156, 240.



This preview shows how white text looks on a background with the RGB color 135, 156, 240.

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, 156, 240

Protanopia
131, 157, 241

Deuteranopia
123, 159, 239



Tritanopia
119, 168, 181

Trichromacy



Original Color
135, 156, 240

Protanomaly
132, 157, 241

Deuteranomaly
127, 158, 239

Tritanomaly
125, 164, 202

Monochromacy



Original Color
135, 156, 240

Achromatopsia
159, 159, 159

Achromatomaly
150, 158, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 156, 240 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, 156, 240)` looks like.

```
.text, #text, p{  
    color:rgb(135, 156, 240)  
}
```

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, 156, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 156, 240) }
```

Border

The CSS property to change the border of an element to RGB 135, 156, 240 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, 156, 240) }
```

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

```
.border{ border-color:rgb(135, 156, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 156, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 156, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 156, 240);  
box-shadow:4px 4px 4px 4px rgb(135, 156,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 135, 156, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 156, 240) }
```

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

```
.background{ background-color: rgb(135,  
156, 240) }
```

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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