

Converting Colors

RGB(123, 145, 242)

Have a look what the booklet for
RGB(123, 145, 242) contains.

RGB(123, 145, 242)	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(123, 145, 242)

Conversions

Conversions Part 1

Format	Color
Hex	7B91F2
RGB	123, 145, 242
RGB Percent	48%, 57%, 95%
CMY	0.5176, 0.4314, 0.0510
CMYK	0.49, 0.40, 0.00, 0.05
HSL	229°, 82%, 72%
HSV	229°, 49%, 95%
XYZ	34.3208, 30.8726, 88.1545
YIQ	149.4800, -44.2490, 25.5030

Conversions

Conversions Part 2

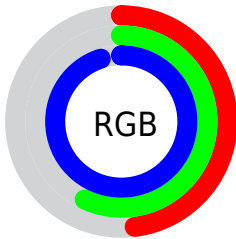
Format	Color
RYB	123, 142, 242
Decimal	8098290
CIELab	62.40, 18.12, -51.23
CIElCh	62, 54.342, 289.476
Yxy	30.8726, 0.2238, 0.2013
Android (android.graphics.Color)	4286288370 (0xFF7B91F2)
YUV	149.4800, 45.6124, -23.2230
Hunter-Lab	55.5631, 13.0224, -55.1734

Details

The RGB color **123, 145, 242** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **242, 220, 123**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **181, 199, 255**, and **63, 95, 185** is the 20% darker color. If you saturate the color by 10%, you get **99, 125, 242**, and if you desaturate by 10%, it is **147, 165, 242**.

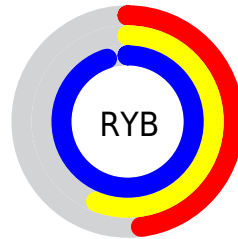
Distribution



Red (48%)

Green (57%)

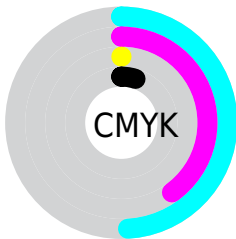
Blue (95%)



Red (48%)

Yellow (56%)

Blue (95%)

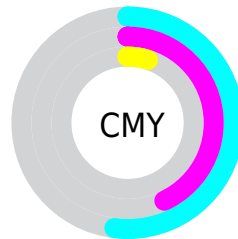


Cyan (49%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (43%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the RGB color 123, 145, 242 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 123, 145, 242 by changing the saturation by 10% instead.


 123, 145, 242


255, 255, 255

 181, 199, 255

 210, 227, 255

 240, 255, 255

 123, 145, 242

 94, 119, 213

 63, 95, 185

 25, 72, 158

 0, 50, 131


 0, 30, 106

 0, 5, 81


 0, 5, 57

 0, 2, 34


 0, 0, 9


 123, 145, 242

 123, 145, 242

 99, 125, 242

 147, 165, 242

 75, 106, 242

 171, 184, 242

 50, 86, 242

 196, 204, 242

 26, 66, 242

 220, 224, 242

 2, 46, 242

 244, 244, 242

 0, 45, 242

 255, 255, 242

Harmonies

Analogous

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



0, 161, 245



123, 145, 242



193, 125, 214

Triad

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



123, 145, 242



225, 124, 79



0, 173, 132

Complementary

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



123, 145, 242



242, 220, 123

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.



89, 168, 85



123, 145, 242



192, 142, 51

Square

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



123, 145, 242



240, 109, 121



147, 158, 53



0, 174, 182

Rectangle

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



123, 145, 242



221, 114, 186



147, 158, 53



6, 172, 115

Sweetspot

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



123, 145, 242



217, 224, 255



123, 242, 218



105, 109, 128



0, 0, 0



128, 128, 128

Same Dimension

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



123, 145, 242



105, 132, 255



159, 123, 242



108, 110, 120



0, 34, 184



0, 10, 56

Inverse Universe

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



242, 123, 145



255, 105, 132



206, 242, 123



120, 108, 110



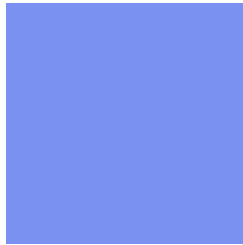
184, 0, 34



56, 0, 10

Previews

White Background



This preview shows how the RGB color 123, 145, 242 looks on a white background.

Color Contrast Check

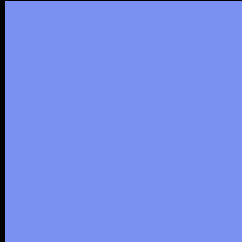
Large Text (above 18pt) WCAG AA × Fail

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 123, 145, 242 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 123, 145, 242 Background



This preview shows how black text looks on a background with the RGB color 123, 145, 242.



This preview shows how white text looks on a background with the RGB color 123, 145, 242.

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


123, 145, 242

Protanopia

112, 147, 244

Deuteranopia

98, 151, 241



Tritanopia
102, 160, 173

Trichromacy



Original Color

123, 145, 242

Protanomaly

116, 146, 243

Deuteranomaly

107, 149, 241

Tritanomaly

110, 155, 198

Monochromacy



Original Color

123, 145, 242

Achromatopsia

149, 149, 149

Achromatomaly

140, 148, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 145, 242 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(123, 145, 242)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 242)  
}
```

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(123, 145, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 242) }
```

Border

The CSS property to change the border of an element to RGB 123, 145, 242 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(123, 145, 242) }
```

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

```
.border{ border-color:rgb(123, 145, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 242);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 123, 145, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 242) }
```

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

```
.background{ background-color: rgb(123,  
145, 242) }
```

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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