

Converting Colors

RGB(156, 161, 242)

Have a look what the booklet for
RGB(156, 161, 242) contains.

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Color

RGB(156, 161, 242)

Conversions

Conversions Part 1

Format	Color
Hex	9CA1F2
RGB	156, 161, 242
RGB Percent	61%, 63%, 95%
CMY	0.3882, 0.3686, 0.0510
CMYK	0.36, 0.33, 0.00, 0.05
HSL	237°, 77%, 78%
HSV	237°, 36%, 95%
XYZ	42.4822, 38.9685, 89.2870
YIQ	168.7390, -28.9810, 24.1310

Conversions

Conversions Part 2

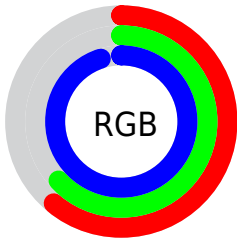
Format	Color
R _Y B	156, 161, 242
Decimal	10265074
CIE _{Lab}	68.73, 17.08, -41.12
CIE _{LCh}	69, 44.524, 292.560
Y _{xy}	38.9685, 0.2488, 0.2282
Android (android.graphics.Color)	4288455154 (0xFF9CA1F2)
Y _{UV}	168.7390, 36.1177, -11.1721
Hunter-Lab	62.4247, 12.2322, -41.1061

Details

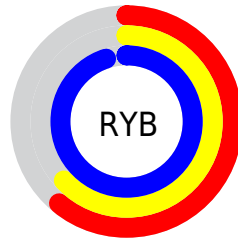
The RGB color **156, 161, 242** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **242, 237, 156**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **213, 216, 255**, and **101, 110, 185** is the 20% darker color. If you saturate the color by 10%, you get **132, 138, 242**, and if you desaturate by 10%, it is **180, 184, 242**.

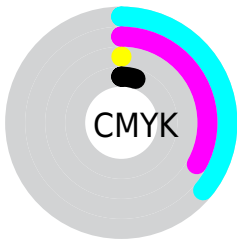
Distribution



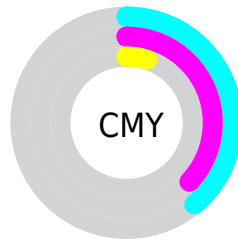
- Red (61%)
- Green (63%)
- Blue (95%)



- Red (61%)
- Yellow (63%)
- Blue (95%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 161, 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 156, 161, 242 by changing the saturation by 10% instead.

■ 156, 161, 242

255, 255, 255

■ 213, 216, 255

■ 242, 244, 255

■ 156, 161, 242

■ 128, 135, 213

■ 101, 110, 185

■ 74, 85, 158

■ 46, 62, 132

■ 10, 41, 106

■ 0, 21, 82

■ 0, 0, 58

■ 0, 2, 35

■ 0, 0, 11

■ 156, 161, 242

■ 156, 161, 242

■ 132, 138, 242

■ 180, 184, 242

■ 108, 115, 242

■ 204, 207, 242

■ 83, 93, 242

■ 229, 229, 242

■ 59, 70, 242

■ 253, 252, 242

■ 35, 47, 242

■ 255, 255, 242

■ 11, 24, 242

■ 0, 14, 242

Harmonies

Analogous

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



79, 175, 247



156, 161, 242



208, 146, 217

Triad

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



156, 161, 242



231, 147, 105



47, 188, 156

Complementary

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



156, 161, 242



242, 237, 156

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.



115, 183, 117



156, 161, 242



201, 162, 87

Square

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



156, 161, 242



244, 137, 139



162, 175, 91



0, 188, 197

Rectangle

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



156, 161, 242



231, 138, 193



162, 175, 91



75, 187, 142

Sweetspot

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



156, 161, 242



227, 229, 255



156, 242, 236



111, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



156, 161, 242



145, 152, 255



193, 156, 242



108, 109, 120



0, 11, 184



0, 3, 56

Inverse Universe

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



242, 156, 161



255, 145, 152



205, 242, 156



120, 108, 109



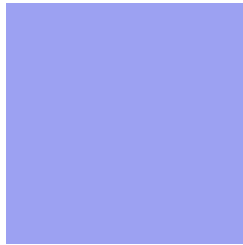
184, 0, 11



56, 0, 3

Previews

White Background



This preview shows how the RGB color 156, 161, 242 looks on a white background.

Color Contrast Check

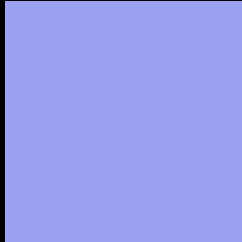
Large Text (above 18pt) WCAG AA × Fail

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 156, 161, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

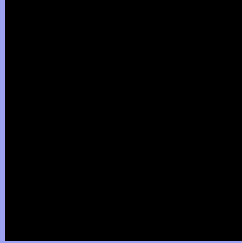
Any Text WCAG AA ✓ Pass

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 156, 161, 242 Background



This preview shows how black text looks on a background with the RGB color 156, 161, 242.



This preview shows how white text looks on a background with the RGB color 156, 161, 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
156, 161, 242

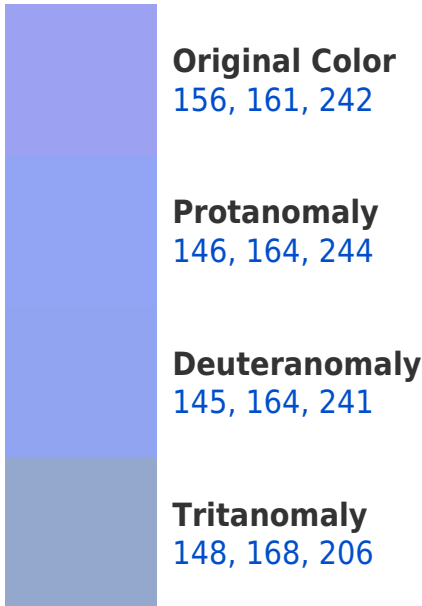
Protanopia
141, 165, 245

Deuteranopia
139, 166, 241

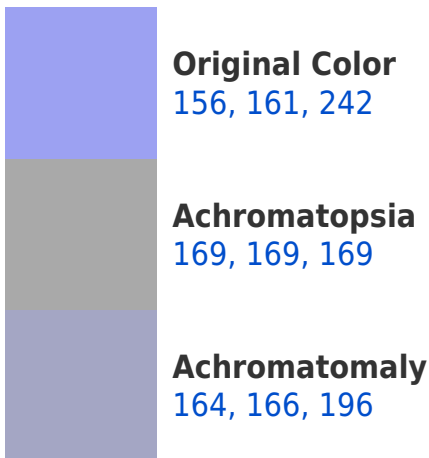


Tritanopia
143, 172, 186

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 161, 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(156, 161, 242)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 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(156, 161, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 242) }
```

Border

The CSS property to change the border of an element to RGB 156, 161, 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(156, 161, 242) }
```

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

```
.border{ border-color:rgb(156, 161, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 161, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 161, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 161, 242); box-shadow:4px 4px 4px 4px rgb(156, 161, 242) }
```

Background

The CSS property to change the background color of an element to RGB 156, 161, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 242) }
```

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

```
.background{ background-color: rgb(156,  
161, 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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