

Converting Colors

RGB(165, 155, 250)

Have a look what the booklet for
RGB(165, 155, 250) contains.

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Color

RGB(165, 155, 250)

Conversions

Conversions Part 1

Format	Color
Hex	A59BFA
RGB	165, 155, 250
RGB Percent	65%, 61%, 98%
CMY	0.3529, 0.3922, 0.0196
CMYK	0.34, 0.38, 0.00, 0.02
HSL	246°, 90%, 79%
HSV	246°, 38%, 98%
XYZ	44.4937, 38.3441, 95.4986
YIQ	168.8200, -24.5350, 31.6650

Conversions

Conversions Part 2

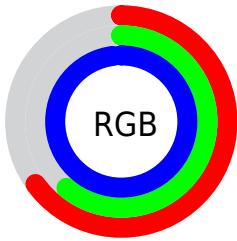
Format	Color
R _Y B	165, 155, 250
Decimal	10853370
CIE _{Lab}	68.27, 24.98, -46.15
CIE _{LCh}	68, 52.474, 298.431
Y _{xy}	38.3441, 0.2495, 0.2150
Android (android.graphics.Color)	4289043450 (0xFFFA59BFA)
YUV	168.8200, 40.0217, -3.3501
Hunter-Lab	61.9227, 19.8942, -48.0926

Details

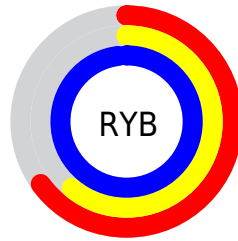
The RGB color **165, 155, 250** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240, 250, 155**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **222, 209, 255**, and **110, 104, 193** is the 20% darker color. If you saturate the color by 10%, you get **143, 130, 250**, and if you desaturate by 10%, it is **187, 180, 250**.

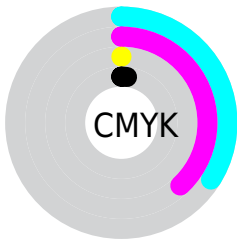
Distribution



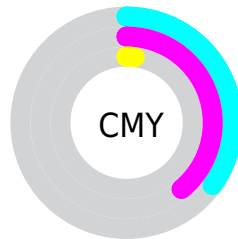
- Red (65%)
- Green (61%)
- Blue (98%)



- Red (65%)
- Yellow (61%)
- Blue (98%)



- Cyan (34%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (39%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 165, 155, 250 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 165, 155, 250 by changing the saturation by 10% instead.


 165, 155, 250

 165, 155, 250

255, 255, 255

 137, 129, 221

 222, 209, 255


 110, 104, 193

 252, 238, 255

 82, 80, 166

 55, 57, 139

 22, 35, 113

 0, 16, 88


 0, 0, 64

 0, 3, 41


 0, 1, 19

 165, 155, 250

 165, 155, 250

 143, 130, 250

 187, 180, 250

 120, 105, 250

 210, 205, 250

 98, 80, 250


 232, 230, 250


 76, 55, 250

 254, 255, 250

 53, 30, 250

 255, 255, 250

 31, 5, 250

 26, 0, 250

Harmonies

Analogous

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



65, 172, 255



165, 155, 250



222, 137, 217

Triad

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



165, 155, 250



233, 146, 86



0, 190, 162

Complementary

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



165, 155, 250



240, 250, 155

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.



87, 186, 115



165, 155, 250



196, 163, 68

Square

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



165, 155, 250



253, 130, 124



148, 177, 79



0, 190, 210

Rectangle

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



165, 155, 250



245, 128, 187



148, 177, 79



0, 189, 146

Sweetspot

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



165, 155, 250



230, 227, 255



155, 240, 250



113, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 155, 250



150, 138, 255



212, 155, 250



114, 112, 125



20, 0, 189



6, 0, 61

Inverse Universe

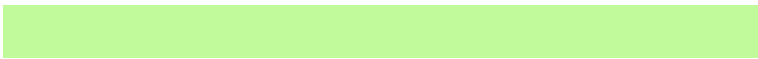
The Inverse Universe completely reimagines the original color for something new.



250, 155, 240



255, 138, 243



193, 250, 155



125, 112, 124



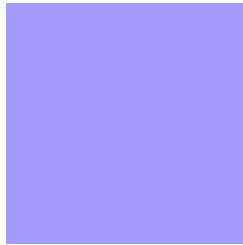
189, 0, 169



61, 0, 55

Previews

White Background



This preview shows how the RGB color 165, 155, 250 looks on a white background.

Color Contrast Check

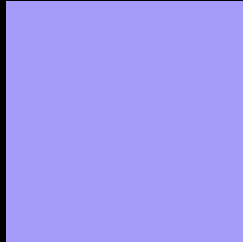
Large Text (above 18pt) WCAG AA × Fail

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 165, 155, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

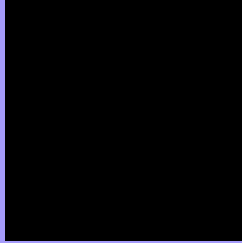
Any Text WCAG AA ✓ Pass

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 165, 155, 250 Background



This preview shows how black text looks on a background with the RGB color 165, 155, 250.



This preview shows how white text looks on a background with the RGB color 165, 155, 250.

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
165, 155, 250

Protanopia
133, 163, 255

Deuteranopia
130, 165, 248



Tritanopia
150, 169, 183

Trichromacy



Original Color
165, 155, 250

Protanomaly
145, 160, 253

Deuteranomaly
143, 161, 249

Tritanomaly
155, 164, 207

Monochromacy



Original Color
165, 155, 250

Achromatopsia
169, 169, 169

Achromatomaly
168, 164, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 155, 250 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(165, 155, 250)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 250)  
}
```

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(165, 155, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 250) }
```

Border

The CSS property to change the border of an element to RGB 165, 155, 250 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(165, 155, 250) }
```

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

```
.border{ border-color:rgb(165, 155, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 250);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 165, 155, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 250) }
```

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

```
.background{ background-color: rgb(165,  
155, 250) }
```

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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