

Converting Colors

RGB(145, 133, 253)

Have a look what the booklet for
RGB(145, 133, 253) contains.

RGB(145, 133, 253)	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(145, 133, 253)

Conversions

Conversions Part 1

Format	Color
Hex	9185FD
RGB	145, 133, 253
RGB Percent	57%, 52%, 99%
CMY	0.4314, 0.4784, 0.0078
CMYK	0.43, 0.47, 0.00, 0.01
HSL	246°, 97%, 76%
HSV	246°, 47%, 99%
XYZ	37.7942, 29.8866, 96.7052
YIQ	150.2680, -31.3680, 39.8640

Conversions

Conversions Part 2

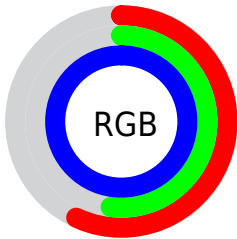
Format	Color
RYB	145, 133, 253
Decimal	9537021
CIELab	61.56, 33.38, -58.53
CIElCh	62, 67.380, 299.698
Yxy	29.8866, 0.2299, 0.1818
Android (android.graphics.Color)	4287727101 (0xFF9185FD)
YUV	150.2680, 50.6469, -4.6200
Hunter-Lab	54.6687, 27.7326, -66.6120

Details

The RGB color **145, 133, 253** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **241, 253, 133**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **203, 186, 255**, and **87, 83, 196** is the 20% darker color. If you saturate the color by 10%, you get **122, 108, 253**, and if you desaturate by 10%, it is **168, 158, 253**.

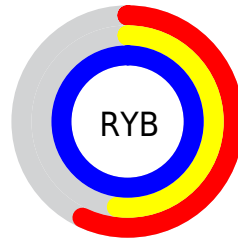
Distribution



Red (57%)

Green (52%)

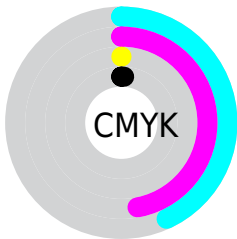
Blue (99%)



Red (57%)

Yellow (52%)

Blue (99%)

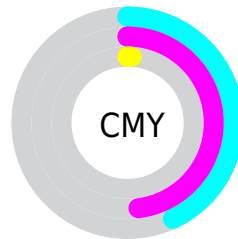


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (43%)

Magenta (48%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 133, 253 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 145, 133, 253 by changing the saturation by 10% instead.

 145, 133, 253

255, 255, 255

 203, 186, 255

 233, 214, 255

 255, 243, 255

 145, 133, 253

 116, 108, 224

 87, 83, 196

 56, 60, 168

 13, 38, 141

 0, 18, 115

 0, 0, 89

 0, 7, 65

 0, 3, 42

 0, 1, 20

■ 145, 133, 253

■ 145, 133, 253

■ 122, 108, 253

■ 168, 158, 253

■ 99, 82, 253

■ 191, 184, 253

■ 77, 57, 253

■ 213, 209, 253

■ 54, 32, 253

■ 236, 234, 253

■ 31, 7, 253

255, 255, 253

■ 25, 0, 253

Harmonies

Analogous

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



0, 156, 255



145, 133, 253



219, 105, 210

Triad

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



145, 133, 253



224, 122, 41



0, 176, 146

Complementary

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



145, 133, 253



241, 253, 133

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.



0, 172, 85



145, 133, 253



178, 146, 0

Square

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



145, 133, 253



251, 97, 93



119, 162, 28



0, 176, 206

Rectangle

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



145, 133, 253



245, 91, 172



119, 162, 28



0, 175, 125

Sweetspot

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



145, 133, 253



223, 219, 255



133, 241, 253



108, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 133, 253



124, 110, 255



205, 133, 253



116, 115, 128



19, 0, 191



6, 0, 64

Inverse Universe

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



253, 133, 241



255, 110, 240



181, 253, 133



128, 115, 126



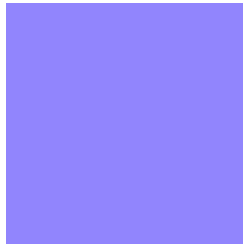
191, 0, 172



64, 0, 57

Previews

White Background



This preview shows how the RGB color 145, 133, 253 looks on a white background.

Color Contrast Check

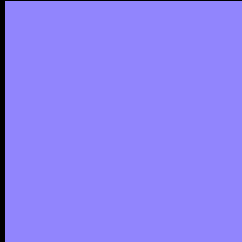
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 133, 253 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 145, 133, 253 Background



This preview shows how black text looks on a background with the RGB color 145, 133, 253.

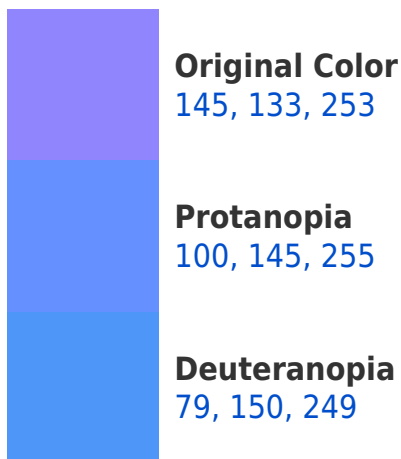


This preview shows how white text looks on a background with the RGB color 145, 133, 253.

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





Tritanopia
123, 153, 166

Trichromacy



Original Color
145, 133, 253

Protanomaly
116, 141, 254

Deuteranomaly
103, 144, 250

Tritanomaly
131, 146, 198

Monochromacy



Original Color
145, 133, 253

Achromatopsia
150, 150, 150

Achromatomaly
148, 144, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 133, 253 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(145, 133, 253)` looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 253)  
}
```

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(145, 133, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 253) }
```

Border

The CSS property to change the border of an element to RGB 145, 133, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

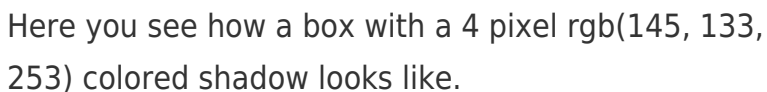
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 133, 253) }
```

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

```
.border{ border-color:rgb(145, 133, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 133, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 133, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 133, 253); box-shadow:4px 4px 4px 4px rgb(145, 133, 253) }
```

Background

The CSS property to change the background color of an element to RGB 145, 133, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 253) }
```

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

```
.background{ background-color: rgb(145,  
133, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor