

Converting Colors

RGB(133, 25, 250)

Have a look what the booklet for
RGB(133, 25, 250) contains.

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Color

RGB(133, 25, 250)

Conversions

Conversions Part 1

Format	Color
Hex	8519FA
RGB	133, 25, 250
RGB Percent	52%, 10%, 98%
CMY	0.4784, 0.9020, 0.0196
CMYK	0.47, 0.90, 0.00, 0.02
HSL	269°, 96%, 54%
HSV	269°, 90%, 98%
XYZ	27.2758, 12.5839, 91.4338
YIQ	82.9420, -7.8570, 92.8710

Conversions

Conversions Part 2

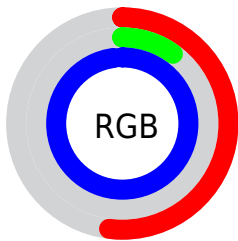
Format	Color
R_{YB}	133, 25, 250
Decimal	8722938
CIE _{Lab}	42.13, 79.24, -88.47
CIE _{LCh}	42, 118.765, 311.852
Yxy	12.5839, 0.2077, 0.0958
Android (android.graphics.Color)	4286913018 (0xFF8519FA)
YUV	82.9420, 82.3596, 43.9009
Hunter-Lab	35.4738, 75.1693, -127.9883

Details

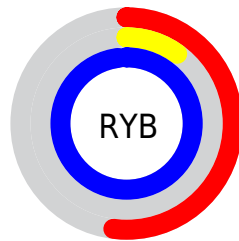
The RGB color **133, 25, 250** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **142, 250, 25**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **196, 91, 255**, and **65, 0, 192** is the 20% darker color. If you saturate the color by 10%, you get **120, 0, 250**, and if you desaturate by 10%, it is **146, 50, 250**.

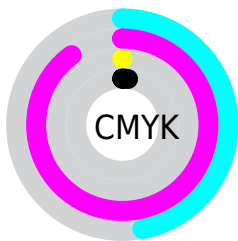
Distribution



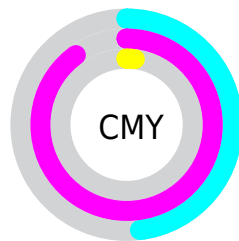
- Red (52%)
- Green (10%)
- Blue (98%)



- Red (52%)
- Yellow (10%)
- Blue (98%)



- Cyan (47%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)




- Cyan (48%)
- Magenta (90%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 133, 25, 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 133, 25, 250 by changing the saturation by 10% instead.

 133, 25, 250

 133, 25, 250

255, 255, 255

 101, 0, 221


 196, 91, 255

 65, 0, 192


 227, 120, 255

 8, 0, 164


 255, 149, 255

 0, 0, 136

 255, 177, 255

 0, 0, 110

 255, 207, 255


 0, 10, 84


 255, 236, 255

 0, 6, 60


 0, 2, 37


 0, 1, 14


 133, 25, 250

 133, 25, 250

 120, 0, 250


 146, 50, 250

 159, 75, 250

 172, 100, 250

 185, 125, 250

 198, 150, 250

 211, 175, 250

 224, 200, 250

 237, 225, 250

 250, 250, 250

Harmonies

Analogous

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



0, 105, 255



133, 25, 250



233, 0, 163

Triad

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



133, 25, 250



168, 70, 0



0, 132, 138

Complementary

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



133, 25, 250



142, 250, 25

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, 129, 28



133, 25, 250



85, 108, 0

Square

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



133, 25, 250



227, 0, 0



0, 123, 0



0, 134, 232

Rectangle

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



133, 25, 250



253, 0, 99



0, 123, 0



0, 131, 104

Sweetspot

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



133, 25, 250



219, 186, 255



25, 145, 250



106, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



133, 25, 250



122, 0, 255



243, 25, 250



118, 112, 125



91, 0, 189



29, 0, 61

Inverse Universe

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



250, 25, 142



255, 0, 133



32, 250, 25



125, 112, 119



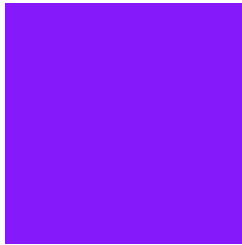
189, 0, 98



61, 0, 32

Previews

White Background



This preview shows how the RGB color 133, 25, 250 looks on a white background.

Color Contrast Check

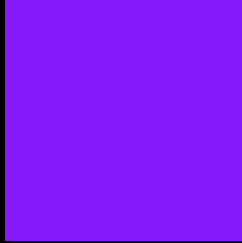
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 133, 25, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

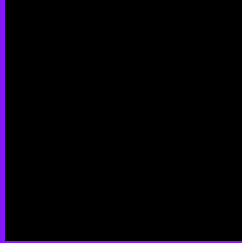
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 133, 25, 250 Background



This preview shows how black text looks on a background with the RGB color 133, 25, 250.



This preview shows how white text looks on a background with the RGB color 133, 25, 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
133, 25, 250

Protanopia
0, 96, 202

Deuteranopia
0, 102, 173



Tritanopia
97, 99, 107

Trichromacy



Original Color

133, 25, 250



Protanomaly

48, 70, 219



Deuteranomaly

48, 74, 201



Tritanomaly

110, 72, 159

Monochromacy



Original Color

133, 25, 250



Achromatopsia

83, 83, 83



Achromatomaly

101, 62, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 25, 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(133, 25, 250)` looks like.

```
.text, #text, p{  
    color:rgb(133, 25, 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(133, 25, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 25, 250) }
```

Border

The CSS property to change the border of an element to RGB 133, 25, 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(133, 25, 250) }
```

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

```
.border{ border-color:rgb(133, 25, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 25, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 25, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 25, 250);  
box-shadow:4px 4px 4px 4px rgb(133, 25,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 133, 25, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 25, 250) }
```

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

```
.background{ background-color: rgb(133, 25,  
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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