

Converting Colors

RGB(132, 23, 255)

Have a look what the booklet for
RGB(132, 23, 255) contains.

RGB(132, 23, 255)	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(132, 23, 255)

Conversions

Conversions Part 1

Format	Color
Hex	8417FF
RGB	132, 23, 255
RGB Percent	52%, 9%, 100%
CMY	0.4824, 0.9098, 0.0000
CMYK	0.48, 0.91, 0.00, 0.00
HSL	268°, 100%, 55%
HSV	268°, 91%, 100%
XYZ	27.8721, 12.7383, 95.5975
YIQ	82.0390, -9.5080, 95.2600

Conversions

Conversions Part 2

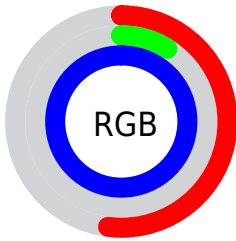
Format	Color
R_{YB}	132, 23, 255
Decimal	8656895
CIE _{Lab}	42.37, 80.61, -90.88
CIE _{LCh}	42, 121.476, 311.572
Yxy	12.7383, 0.2046, 0.0935
Android (android.graphics.Color)	4286846975 (0xFF8417FF)
YUV	82.0390, 85.2698, 43.8158
Hunter-Lab	35.6908, 76.9377, -133.8242

Details

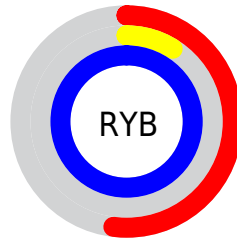
The RGB color **132, 23, 255** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **146, 255, 23**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **195, 91, 255**, and **62, 0, 197** is the 20% darker color. If you saturate the color by 10%, you get **120, 0, 255**, and if you desaturate by 10%, it is **146, 49, 255**.

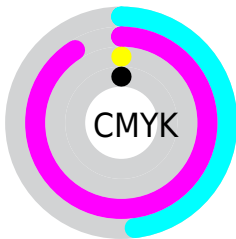
Distribution



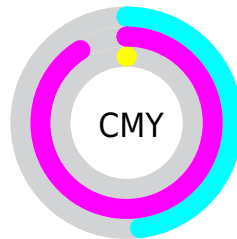
- Red (52%)
- Green (9%)
- Blue (100%)



- Red (52%)
- Yellow (9%)
- Blue (100%)



- Cyan (48%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





















- Cyan (48%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 23, 255 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 132, 23, 255 by changing the saturation by 10% instead.


 132, 23, 255	 132, 23, 255
 255, 255, 255	 99, 0, 226
 195, 91, 255	 62, 0, 197
 227, 120, 255	 0, 0, 168
 255, 148, 255	 0, 0, 141
 255, 177, 255	 0, 0, 114
 255, 206, 255	 0, 9, 88
 255, 236, 255	 0, 7, 64
	 0, 3, 41
	 0, 1, 19


 132, 23, 255

 132, 23, 255


 120, 0, 255


 146, 49, 255

 159, 74, 255

 173, 99, 255

 186, 125, 255

 200, 150, 255

 213, 176, 255

 227, 202, 255

 240, 227, 255

 254, 252, 255

Harmonies

Analogous

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



0, 106, 255



132, 23, 255



236, 0, 166

Triad

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



132, 23, 255



171, 69, 0



0, 133, 138

Complementary

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



132, 23, 255



146, 255, 23

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, 130, 25



132, 23, 255



86, 109, 0

Square

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



132, 23, 255



230, 0, 0



0, 124, 0



0, 135, 235

Rectangle

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



132, 23, 255



255, 0, 100



0, 124, 0



0, 132, 103

Sweetspot

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



132, 23, 255



218, 186, 255



23, 147, 255



106, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 23, 255



120, 0, 255



247, 23, 255



121, 115, 128



90, 0, 191



30, 0, 64

Inverse Universe

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



255, 23, 146



255, 0, 135



31, 255, 23



128, 115, 122



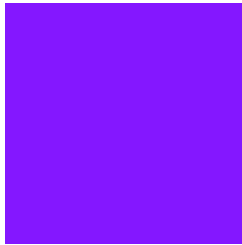
191, 0, 101



64, 0, 34

Previews

White Background



This preview shows how the RGB color 132, 23, 255 looks on a white background.

Color Contrast Check

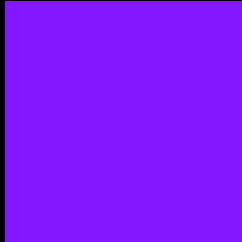
Large Text (above 18pt) WCAG AA ✓ Pass

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 132, 23, 255 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 132, 23, 255 Background



This preview shows how black text looks on a background with the RGB color 132, 23, 255.



This preview shows how white text looks on a background with the RGB color 132, 23, 255.

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
132, 23, 255

Protanopia
0, 97, 203

Deuteranopia
0, 103, 174



Tritanopia
93, 101, 109

Trichromacy



Original Color

132, 23, 255



Protanomaly

48, 70, 222



Deuteranomaly

48, 74, 203



Tritanomaly

107, 73, 162

Monochromacy



Original Color

132, 23, 255



Achromatopsia

82, 82, 82



Achromatomaly

100, 61, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 23, 255 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(132, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 23, 255)  
}
```

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(132, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 23, 255) }
```

Border

The CSS property to change the border of an element to RGB 132, 23, 255 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(132, 23, 255) }
```

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

```
.border{ border-color:rgb(132, 23, 255) }
```

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

Here you see how a box with a 4 pixel rgb(132, 23, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 23,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 132, 23, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 23, 255) }
```

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

```
.background{ background-color: rgb(132, 23,  
255) }
```

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