

Converting Colors

RGB(187, 41, 255)

Have a look what the booklet for
RGB(187, 41, 255) contains.

RGB(187, 41, 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(187, 41, 255)

Conversions

Conversions Part 1

Format	Color
Hex	BB29FF
RGB	187, 41, 255
RGB Percent	73%, 16%, 100%
CMY	0.2667, 0.8392, 0.0000
CMYK	0.27, 0.84, 0.00, 0.00
HSL	281°, 100%, 58%
HSV	281°, 84%, 100%
XYZ	39.3365, 19.3707, 96.2734
YIQ	109.0500, 18.3220, 97.5060

Conversions

Conversions Part 2

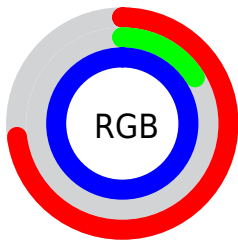
Format	Color
RYB	187, 41, 255
Decimal	12265983
CIELab	51.12, 83.31, -76.24
CIElCh	51, 112.929, 317.537
Yxy	19.3707, 0.2538, 0.1250
Android (android.graphics.Color)	4290456063 (0xFFBB29FF)
YUV	109.0500, 71.9534, 68.3622
Hunter-Lab	44.0121, 82.5157, -98.8842

Details

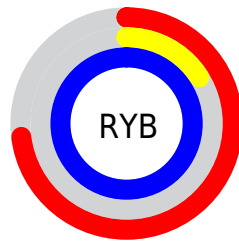
The RGB color **187, 41, 255** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **109, 255, 41**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **248, 108, 255**, and **127, 0, 197** is the 20% darker color. If you saturate the color by 10%, you get **179, 16, 255**, and if you desaturate by 10%, it is **195, 66, 255**.

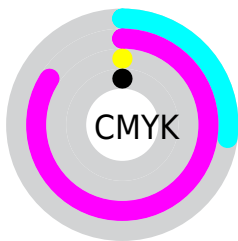
Distribution



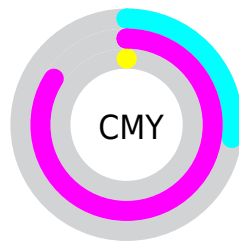
- Red (73%)
- Green (16%)
- Blue (100%)



- Red (73%)
- Yellow (16%)
- Blue (100%)



- Cyan (27%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)




















- Cyan (27%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 41, 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 187, 41, 255 by changing the saturation by 10% instead.

 187, 41, 255	 187, 41, 255
 255, 255, 255	 157, 0, 226
 248, 108, 255	 127, 0, 197
 255, 137, 255	 96, 0, 169
 255, 167, 255	 64, 0, 142
 255, 196, 255	 31, 0, 115
 255, 226, 255	 0, 0, 89
	 0, 5, 65
	 0, 3, 42
	 0, 1, 20

■ 187, 41, 255

■ 187, 41, 255

■ 179, 16, 255

■ 195, 66, 255

■ 174, 0, 255

■ 203, 92, 255

■ 211, 118, 255

■ 219, 143, 255

■ 228, 169, 255

■ 236, 194, 255

■ 244, 220, 255

■ 252, 245, 255

255, 255, 255

Harmonies

Analogous

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



0, 117, 255



187, 41, 255



255, 0, 166

Triad

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



187, 41, 255



181, 103, 0



0, 157, 178

Complementary

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



187, 41, 255



109, 255, 41

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, 154, 76



187, 41, 255



94, 135, 0

Square

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



187, 41, 255



244, 12, 0



0, 149, 0



0, 157, 255

Rectangle

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



187, 41, 255



255, 0, 103



0, 149, 0



0, 157, 145

Sweetspot

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



187, 41, 255



235, 191, 255



41, 112, 255



115, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 41, 255



174, 0, 255



255, 41, 219



123, 115, 128



130, 0, 191



43, 0, 64

Inverse Universe

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



255, 41, 109



255, 0, 81



41, 255, 77



128, 115, 119



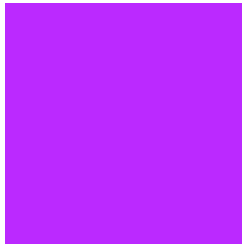
191, 0, 61



64, 0, 20

Previews

White Background



This preview shows how the RGB color 187, 41, 255 looks on a white background.

Color Contrast Check

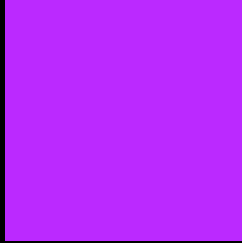
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 41, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

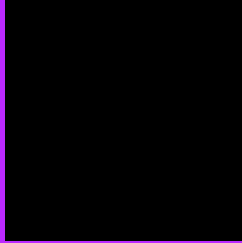
Any Text WCAG AA ✓ Pass

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 187, 41, 255 Background



This preview shows how black text looks on a background with the RGB color 187, 41, 255.

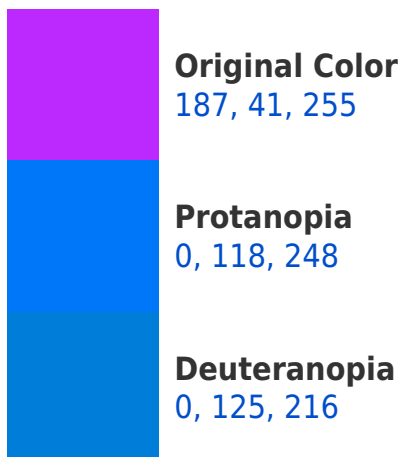



This preview shows how white text looks on a background with the RGB color 187, 41, 255.

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





Tritanopia
164, 105, 113

Trichromacy



Original Color

187, 41, 255



Protanomaly

68, 90, 251



Deuteranomaly

68, 94, 230



Tritanomaly

172, 82, 165

Monochromacy



Original Color

187, 41, 255



Achromatopsia

109, 109, 109



Achromatomaly

137, 84, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 41, 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(187, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 41, 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(187, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 41, 255) }
```

Border

The CSS property to change the border of an element to RGB 187, 41, 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(187, 41, 255) }
```

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

```
.border{ border-color:rgb(187, 41, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 41, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 41,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 187, 41, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 41, 255) }
```

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

```
.background{ background-color: rgb(187, 41,  
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](#).

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