

Converting Colors

RGB(147, 5, 179)

Have a look what the booklet for
RGB(147, 5, 179) contains.

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Color

RGB(147, 5, 179)

Conversions

Conversions Part 1

Format	Color
Hex	9305B3
RGB	147, 5, 179
RGB Percent	58%, 2%, 70%
CMY	0.4235, 0.9804, 0.2980
CMYK	0.18, 0.97, 0.00, 0.30
HSL	289°, 95%, 36%
HSV	289°, 97%, 70%
XYZ	20.2236, 9.5663, 43.4284
YIQ	67.2940, 28.7780, 84.2180

Conversions

Conversions Part 2

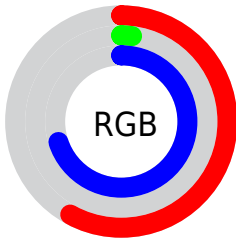
Format	Color
RYB	147, 5, 179
Decimal	9635251
CIELab	37.05, 69.82, -55.75
CIElCh	37, 89.351, 321.395
Yxy	9.5663, 0.2762, 0.1307
Android (android.graphics.Color)	4287825331 (0xFF9305B3)
YUV	67.2940, 55.0711, 69.9022
Hunter-Lab	30.9294, 62.5882, -61.5994

Details

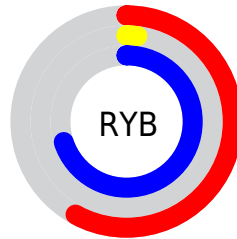
The RGB color **147, 5, 179** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **37, 179, 5**, and the grayscale version is **67, 67, 67**.

A 20% lighter version of the original color is **205, 81, 236**, and **90, 0, 125** is the 20% darker color. If you saturate the color by 10%, you get **146, 0, 179**, and if you desaturate by 10%, it is **150, 23, 179**.

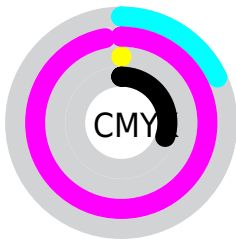
Distribution



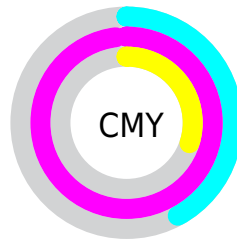
- Red (58%)
- Green (2%)
- Blue (70%)



- Red (58%)
- Yellow (2%)
- Blue (70%)



- Cyan (18%)
- Magenta (97%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (98%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 5, 179 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 147, 5, 179 by changing the saturation by 10% instead.



147, 5, 179



147, 5, 179

255, 255, 255



119, 0, 152



205, 81, 236



90, 0, 125



235, 110, 255



62, 0, 99



255, 138, 255



35, 0, 75



255, 167, 255



0, 0, 51



255, 196, 255



0, 2, 29



255, 225, 255



0, 0, 0



147, 5, 179



147, 5, 179



146, 0, 179



150, 23, 179

■ 154, 41, 179

■ 157, 59, 179

■ 160, 77, 179

■ 163, 95, 179

■ 167, 112, 179

■ 170, 130, 179

■ 173, 148, 179

■ 177, 166, 179

Harmonies

Analogous

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



0, 79, 225



147, 5, 179



197, 0, 111

Triad

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



147, 5, 179



124, 77, 0



0, 114, 139

Complementary

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



147, 5, 179



37, 179, 5

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, 112, 63



147, 5, 179



55, 99, 0

Square

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



147, 5, 179



173, 25, 0



0, 108, 0



0, 113, 201

Rectangle

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



147, 5, 179



204, 0, 64



0, 108, 0



0, 113, 114

Sweetspot

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



147, 5, 179



220, 165, 232



5, 40, 179



110, 76, 117



245, 245, 245



117, 117, 117

Same Dimension

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



147, 5, 179



189, 0, 232



179, 5, 127



88, 80, 89



125, 0, 153



21, 0, 26

Inverse Universe

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



179, 5, 37



232, 0, 43



5, 179, 57



89, 80, 82



153, 0, 28



26, 0, 5

Previews

White Background



This preview shows how the RGB color 147, 5, 179 looks on a white background.

Color Contrast Check

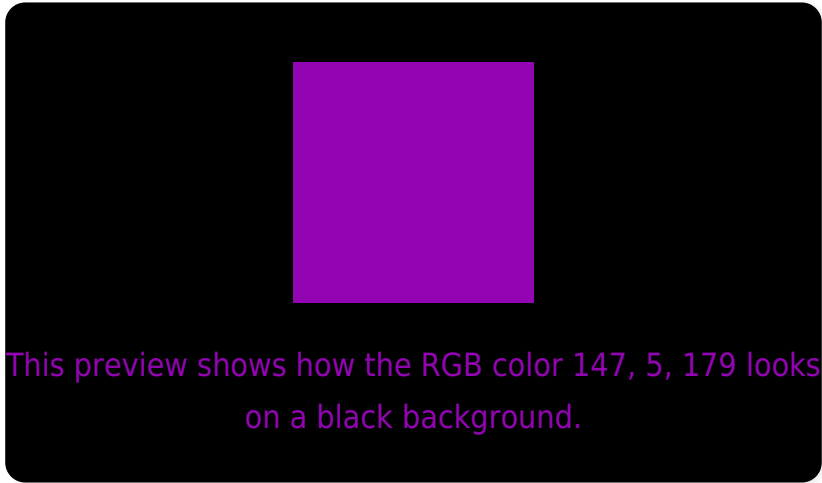
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

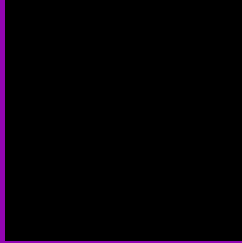
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 147, 5, 179 Background



This preview shows how black text looks on a background with the RGB color 147, 5, 179.



This preview shows how white text looks on a background with the RGB color 147, 5, 179.

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

147, 5, 179

Protanopia

0, 86, 182

Deuteranopia

0, 91, 160



Tritanopia
133, 70, 75

Trichromacy



Original Color

147, 5, 179



Protanomaly

53, 57, 181



Deuteranomaly

53, 60, 167



Tritanomaly

138, 46, 113

Monochromacy



Original Color

147, 5, 179



Achromatopsia

67, 67, 67



Achromatomaly

96, 44, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 5, 179 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(147, 5, 179) looks like.

```
.text, #text, p{  
    color:rgb(147, 5, 179)  
}
```

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(147, 5, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 5, 179) }
```

Border

The CSS property to change the border of an element to RGB 147, 5, 179 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(147, 5, 179) }
```

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

```
.border{ border-color:rgb(147, 5, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 5, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 5, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 5, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 5,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 147, 5, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 5, 179) }
```

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

```
.background{ background-color: rgb(147, 5,  
179) }
```

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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