

Converting Colors

RGB(168, 3, 192)

Have a look what the booklet for
RGB(168, 3, 192) contains.

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Color

RGB(168, 3, 192)

Conversions

Conversions Part 1

Format	Color
Hex	A803C0
RGB	168, 3, 192
RGB Percent	66%, 1%, 75%
CMY	0.3412, 0.9882, 0.2471
CMYK	0.12, 0.98, 0.00, 0.25
HSL	292°, 97%, 38%
HSV	292°, 98%, 75%
XYZ	25.6954, 12.1957, 50.8689
YIQ	73.8810, 37.6710, 93.7590

Conversions

Conversions Part 2

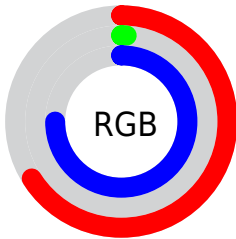
Format	Color
R_{YB}	168, 3, 192
Decimal	11011008
CIE _{Lab}	41.53, 75.35, -56.01
CIE _{LCh}	42, 93.883, 323.376
Yxy	12.1957, 0.2895, 0.1374
Android (android.graphics.Color)	4289201088 (0xFFA803C0)
YUV	73.8810, 58.2327, 82.5424
Hunter-Lab	34.9224, 70.2238, -61.9177

Details

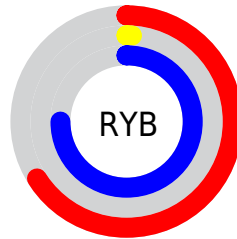
The RGB color **168, 3, 192** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **27, 192, 3**, and the grayscale version is **73, 73, 73**.

A 20% lighter version of the original color is **227, 86, 249**, and **110, 0, 137** is the 20% darker color. If you saturate the color by 10%, you get **168, 0, 192**, and if you desaturate by 10%, it is **170, 22, 192**.

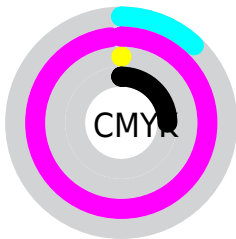
Distribution



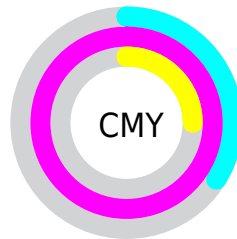
- Red (66%)
- Green (1%)
- Blue (75%)



- Red (66%)
- Yellow (1%)
- Blue (75%)



- Cyan (12%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 3, 192 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 168, 3, 192 by changing the saturation by 10% instead.

 168, 3, 192

 168, 3, 192

255, 255, 255

 139, 0, 164

 227, 86, 249

 110, 0, 137

 255, 115, 255

 82, 0, 111

 255, 144, 255

 55, 0, 86

 255, 174, 255

 23, 0, 62

 255, 203, 255

 0, 3, 39

 255, 233, 255

 0, 1, 16

 0, 0, 0

 168, 3, 192

 168, 3, 192

■ 168, 0, 192

■ 170, 22, 192

■ 173, 41, 192

■ 175, 61, 192

■ 178, 80, 192

■ 180, 99, 192

■ 183, 118, 192

■ 185, 137, 192

■ 188, 157, 192

■ 190, 176, 192

Harmonies

Analogous

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



0, 86, 244



168, 3, 192



218, 0, 119

Triad

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



168, 3, 192



134, 90, 0



0, 127, 158

Complementary

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



168, 3, 192



27, 192, 3

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, 125, 78



168, 3, 192



59, 111, 0

Square

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



168, 3, 192



188, 41, 0



0, 121, 0



0, 125, 224

Rectangle

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



168, 3, 192



224, 0, 68



0, 121, 0



0, 127, 132

Sweetspot

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



168, 3, 192



240, 175, 250



3, 28, 192



119, 80, 125



252, 252, 252



125, 125, 125

Same Dimension

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



168, 3, 192



218, 0, 250



192, 3, 123



96, 87, 97



140, 0, 161



29, 0, 33

Inverse Universe

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



192, 3, 27



250, 0, 32



3, 192, 72



97, 87, 88



161, 0, 20



33, 0, 4

Previews

White Background



This preview shows how the RGB color 168, 3, 192 looks on a white background.

Color Contrast Check

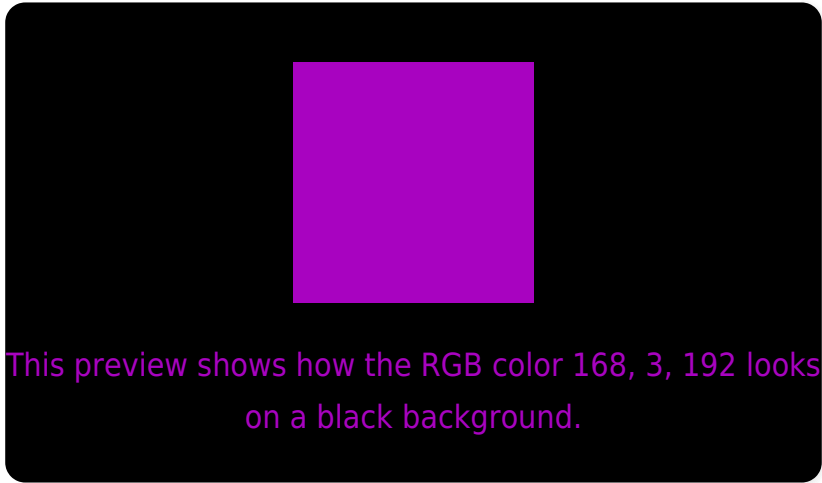
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

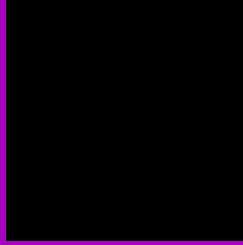
Any Text WCAG AA × Fail

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 168, 3, 192 Background



This preview shows how black text looks on a background with the RGB color 168, 3, 192.



This preview shows how white text looks on a background with the RGB color 168, 3, 192.

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

168, 3, 192

Protanopia

0, 97, 204

Deuteranopia

0, 102, 180



Tritanopia

154, 75, 81

Trichromacy



Original Color

168, 3, 192



Protanomaly

61, 63, 200



Deuteranomaly

61, 66, 184



Tritanomaly

159, 49, 121

Monochromacy



Original Color

168, 3, 192



Achromatopsia

74, 74, 74



Achromatomaly

108, 48, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 3, 192 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(168, 3, 192) looks like.

```
.text, #text, p{  
    color:rgb(168, 3, 192)  
}
```

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(168, 3, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 3, 192) }
```

Border

The CSS property to change the border of an element to RGB 168, 3, 192 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(168, 3, 192) }
```

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

```
.border{ border-color:rgb(168, 3, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 3, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 3, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 3, 192);  
box-shadow:4px 4px 4px 4px rgb(168, 3,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 168, 3, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 3, 192) }
```

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

```
.background{ background-color: rgb(168, 3,  
192) }
```

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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