

Converting Colors

RGB(164, 32, 207)

Have a look what the booklet for
RGB(164, 32, 207) contains.

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Color

RGB(164, 32, 207)

Conversions

Conversions Part 1	
Format	Color
Hex	A420CF
RGB	164, 32, 207
RGB Percent	64%, 13%, 81%
CMY	0.3569, 0.8745, 0.1882
CMYK	0.21, 0.85, 0.00, 0.19
HSL	285°, 73%, 47%
HSV	285°, 85%, 81%
XYZ	27.0888, 13.4305, 60.1961
YIQ	91.4180, 22.4970, 82.4090

Conversions

Conversions Part 2

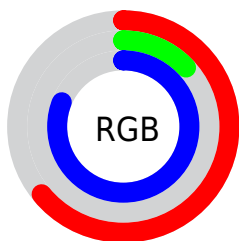
Format	Color
RYB	164, 32, 207
Decimal	10756303
CIELab	43.40, 72.99, -61.72
CIELCh	43, 95.589, 319.780
Yxy	13.4305, 0.2690, 0.1334
Android (android.graphics.Color)	4288946383 (0xFFA420CF)
YUV	91.4180, 56.9819, 63.6544
Hunter-Lab	36.6477, 67.8082, -71.7341

Details

The RGB color **164, 32, 207** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle muted purple. A complement of this color would be **75, 207, 32**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **223, 97, 255**, and **106, 0, 151** is the 20% darker color. If you saturate the color by 10%, you get **159, 11, 207**, and if you desaturate by 10%, it is **169, 53, 207**.

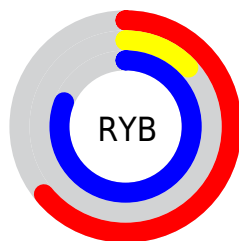
Distribution



Red (64%)

Green (13%)

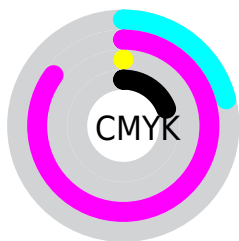
Blue (81%)



Red (64%)

Yellow (13%)

Blue (81%)

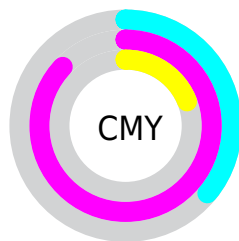


Cyan (21%)

Magenta (85%)

Yellow (0%)

Black (19%)



Cyan (36%)




















Magenta (87%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 32, 207 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 164, 32, 207 by changing the saturation by 10% instead.


 164, 32, 207	 164, 32, 207
 255, 255, 255	 135, 0, 179
 223, 97, 255	 106, 0, 151
 253, 125, 255	 77, 0, 125
 255, 154, 255	 49, 0, 99
 255, 183, 255	 13, 0, 74
 255, 212, 255	 0, 3, 50
 255, 242, 255	 0, 2, 28
	 0, 0, 0
 164, 32, 207	 164, 32, 207


 159, 11, 207

 169, 53, 207

 156, 0, 207


 174, 73, 207


 179, 94, 207

 184, 115, 207

 189, 136, 207

 195, 156, 207

 200, 177, 207

 205, 198, 207

 210, 218, 207

Harmonies

Analogous

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



0, 95, 255



164, 32, 207



223, 0, 133

Triad

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



164, 32, 207



148, 90, 0



0, 132, 155

Complementary

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



164, 32, 207



75, 207, 32

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, 72



164, 32, 207



74, 114, 0

Square

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



164, 32, 207



201, 33, 0



0, 126, 0



0, 131, 225

Rectangle

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



164, 32, 207



232, 0, 81



0, 126, 0



0, 132, 128

Sweetspot

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



164, 32, 207



239, 191, 255



32, 76, 207



118, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



164, 32, 207



192, 0, 255



207, 32, 163



102, 94, 105



127, 0, 168



31, 0, 41

Inverse Universe

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



207, 32, 75



255, 0, 63



32, 207, 76



105, 94, 97



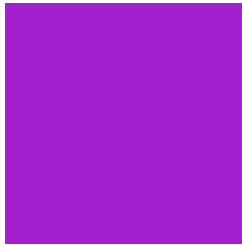
168, 0, 41



41, 0, 10

Previews

White Background



This preview shows how the RGB color 164, 32, 207 looks on a white background.

Color Contrast Check

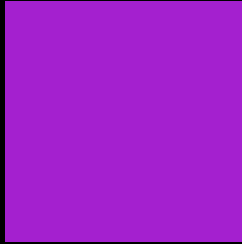
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 32, 207 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 164, 32, 207 Background



This preview shows how black text looks on a background with the RGB color 164, 32, 207.



This preview shows how white text looks on a background with the RGB color 164, 32, 207.

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

164, 32, 207

Protanopia

0, 100, 211

Deuteranopia

0, 105, 185



Tritanopia
147, 85, 91

Trichromacy



Original Color

164, 32, 207



Protanomaly

60, 75, 210



Deuteranomaly

60, 78, 193



Tritanomaly

153, 66, 133

Monochromacy



Original Color

164, 32, 207



Achromatopsia

91, 91, 91



Achromatomaly

118, 70, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 32, 207 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(164, 32, 207) looks like.

```
.text, #text, p{  
    color:rgb(164, 32, 207)  
}
```

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(164, 32, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 32, 207) }
```

Border

The CSS property to change the border of an element to RGB 164, 32, 207 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(164, 32, 207) }
```

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

```
.border{ border-color:rgb(164, 32, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 32, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 32, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 32, 207);  
box-shadow:4px 4px 4px 4px rgb(164, 32,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 164, 32, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 32, 207) }
```

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

```
.background{ background-color: rgb(164, 32,  
207) }
```

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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