

Converting Colors

RGB(172, 8, 141)

Have a look what the booklet for
RGB(172, 8, 141) contains.

RGB(172, 8, 141)	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(172, 8, 141)

Conversions

Conversions Part 1

Format	Color
Hex	AC088D
RGB	172, 8, 141
RGB Percent	67%, 3%, 55%
CMY	0.3255, 0.9686, 0.4471
CMYK	0.00, 0.95, 0.18, 0.33
HSL	311°, 91%, 35%
HSV	311°, 95%, 67%
XYZ	21.9078, 10.8674, 26.1423
YIQ	72.1980, 55.0510, 76.1310

Conversions

Conversions Part 2

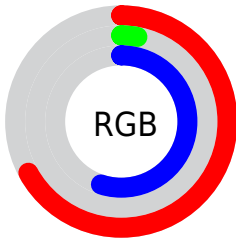
Format	Color
RYB	172, 8, 141
Decimal	11274381
CIELab	39.36, 67.96, -28.86
CIElCh	39, 73.837, 336.989
Yxy	10.8674, 0.3718, 0.1845
Android (android.graphics.Color)	4289464461 (0xFFAC088D)
YUV	72.1980, 33.9194, 87.5264
Hunter-Lab	32.9658, 60.9344, -23.9417

Details

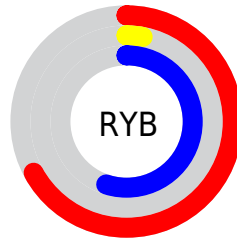
The RGB color **172, 8, 141** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **8, 172, 39**, and the grayscale version is **72, 72, 72**.

A 20% lighter version of the original color is **231, 85, 195**, and **115, 0, 90** is the 20% darker color. If you saturate the color by 10%, you get **172, 0, 139**, and if you desaturate by 10%, it is **172, 25, 144**.

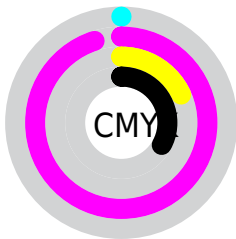
Distribution



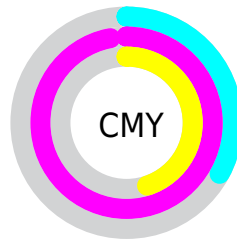
- Red (67%)
- Green (3%)
- Blue (55%)



- Red (67%)
- Yellow (3%)
- Blue (55%)



- Cyan (0%)
- Magenta (95%)
- Yellow (18%)
- Black (33%)



- Cyan (33%)
- Magenta (97%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 8, 141 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 172, 8, 141 by changing the saturation by 10% instead.

 172, 8, 141

 172, 8, 141

255, 255, 255

 143, 0, 115

 231, 85, 195

 115, 0, 90


 255, 114, 223

 87, 0, 66

 255, 143, 252

 62, 0, 44

 255, 171, 255

 31, 0, 22

 255, 201, 255

 0, 0, 0

 255, 230, 255

 172, 8, 141

 172, 8, 141

 172, 0, 139

 172, 25, 144

■ 172, 42, 148

■ 172, 60, 151

■ 172, 77, 154

■ 172, 94, 157

■ 172, 111, 161

■ 172, 128, 164

■ 172, 146, 167

■ 172, 163, 170

Harmonies

Analogous

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



105, 68, 190



172, 8, 141



194, 0, 82

Triad

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



172, 8, 141



101, 95, 0



0, 117, 165

Complementary

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



172, 8, 141



8, 172, 39

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, 117, 106



172, 8, 141



26, 108, 0

Square

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



172, 8, 141



150, 71, 0



0, 114, 41



0, 112, 205

Rectangle

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



172, 8, 141



189, 0, 43



0, 114, 41



0, 117, 146

Sweetspot

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



172, 8, 141



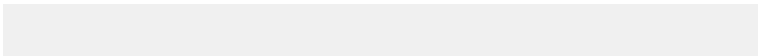
224, 159, 212



38, 8, 172



112, 73, 105



240, 240, 240



112, 112, 112

Same Dimension

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



172, 8, 141



224, 0, 182



172, 8, 60



87, 78, 85



150, 0, 122



23, 0, 19

Inverse Universe

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



172, 8, 141



224, 0, 182



8, 172, 120



87, 78, 85



150, 0, 122



23, 0, 19

Previews

White Background



This preview shows how the RGB color 172, 8, 141 looks on a white background.

Color Contrast Check

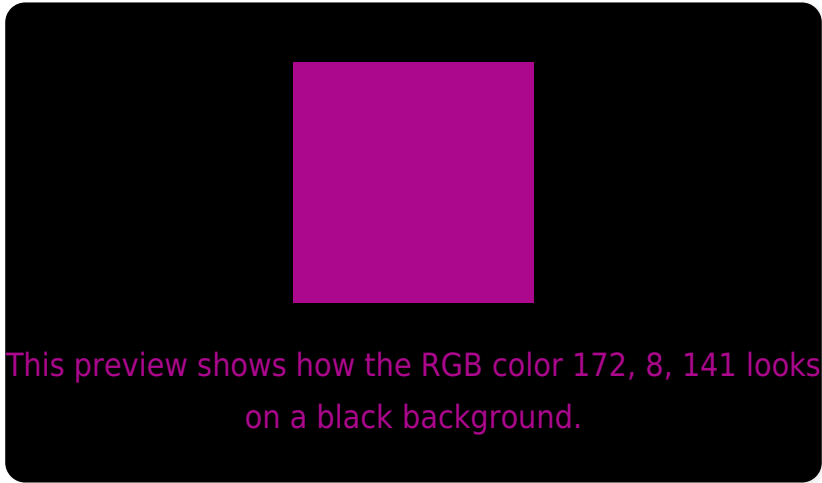
Large Text (above 18pt) WCAG AA ✓ Pass

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

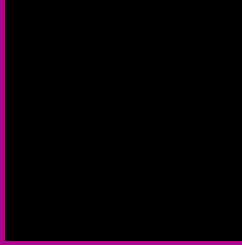
Any Text WCAG AA × Fail

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 172, 8, 141 Background



This preview shows how black text looks on a background with the RGB color 172, 8, 141.

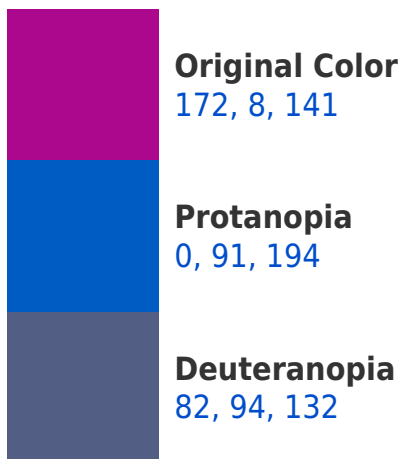


This preview shows how white text looks on a background with the RGB color 172, 8, 141.

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

165, 56, 59

Trichromacy



Original Color

172, 8, 141



Protanomaly

63, 61, 175



Deuteranomaly

115, 63, 135



Tritanomaly

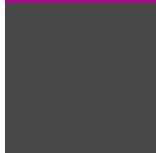
168, 39, 89

Monochromacy



Original Color

172, 8, 141



Achromatopsia

72, 72, 72



Achromatomaly

108, 49, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 8, 141 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(172, 8, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 8, 141)  
}
```

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(172, 8, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 8, 141) }
```

Border

The CSS property to change the border of an element to RGB 172, 8, 141 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(172, 8, 141) }
```

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

```
.border{ border-color:rgb(172, 8, 141) }
```

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

Here you see how a box with a 4 pixel rgb(172, 8, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 8, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 8, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 8,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 172, 8, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 8, 141) }
```

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

```
.background{ background-color: rgb(172, 8,  
141) }
```

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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