

Converting Colors

RGB(201, 30, 144)

Have a look what the booklet for
RGB(201, 30, 144) contains.

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Color

RGB(201, 30, 144)

Conversions

Conversions Part 1

Format	Color
Hex	C91E90
RGB	201, 30, 144
RGB Percent	79%, 12%, 56%
CMY	0.2118, 0.8824, 0.4353
CMYK	0.00, 0.85, 0.28, 0.21
HSL	320°, 74%, 45%
HSV	320°, 85%, 79%
XYZ	29.5857, 15.3597, 27.7909
YIQ	94.1250, 65.3220, 71.7060

Conversions

Conversions Part 2

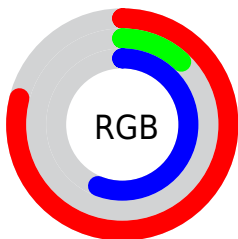
Format	Color
R_{YB}	201, 30, 144
Decimal	13180560
CIE _{Lab}	46.12, 71.09, -19.76
CIE _{LCh}	46, 73.781, 344.468
Yxy	15.3597, 0.4068, 0.2112
Android (android.graphics.Color)	4291370640 (0xFFC91E90)
YUV	94.1250, 24.5884, 93.7294
Hunter-Lab	39.1914, 66.1652, -14.6090

Details

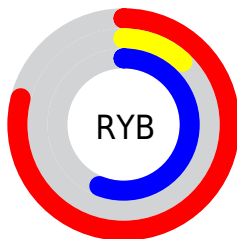
The RGB color **201, 30, 144** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **30, 201, 87**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **255, 99, 198**, and **142, 0, 93** is the 20% darker color. If you saturate the color by 10%, you get **201, 10, 137**, and if you desaturate by 10%, it is **201, 50, 151**.

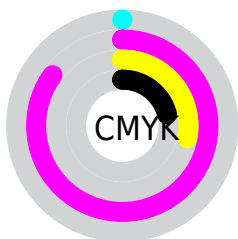
Distribution



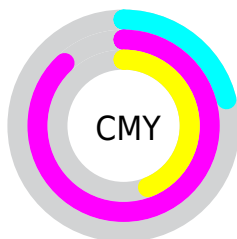
- Red (79%)
- Green (12%)
- Blue (56%)



- Red (79%)
- Yellow (12%)
- Blue (56%)



- Cyan (0%)
- Magenta (85%)
- Yellow (28%)
- Black (21%)



- Cyan (21%)
- Magenta (88%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 30, 144 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 201, 30, 144 by changing the saturation by 10% instead.



201, 30, 144



201, 30, 144

255, 255, 255



171, 0, 118



255, 99, 198



142, 0, 93



255, 128, 226



113, 0, 70



255, 157, 255



85, 0, 47



255, 186, 255



58, 0, 26



255, 216, 255



24, 0, 1



255, 246, 255



0, 0, 0



201, 30, 144



201, 30, 144



201, 10, 137



201, 50, 151

■ 201, 0, 134

■ 201, 70, 157

■ 201, 90, 164

■ 201, 110, 171

■ 201, 131, 178

■ 201, 151, 184

■ 201, 171, 191

■ 201, 191, 198

■ 201, 211, 204

Harmonies

Analogous

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



147, 75, 199



201, 30, 144



215, 14, 83

Triad

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



201, 30, 144



106, 116, 0



0, 134, 196

Complementary

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



201, 30, 144



30, 201, 87

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, 135, 139



201, 30, 144



5, 128, 0

Square

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



201, 30, 144



159, 95, 0



0, 133, 74



0, 126, 230

Rectangle

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



201, 30, 144



206, 47, 43



0, 133, 74



0, 135, 178

Sweetspot

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



201, 30, 144



255, 189, 233



87, 30, 201



128, 88, 114



0, 0, 0



128, 128, 128

Same Dimension

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



201, 30, 144



255, 0, 170



201, 30, 59



99, 90, 96



163, 0, 109



36, 0, 24

Inverse Universe

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



201, 30, 144



255, 0, 170



30, 201, 172



99, 90, 96



163, 0, 109



36, 0, 24

Previews

White Background



This preview shows how the RGB color 201, 30, 144 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 201, 30, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

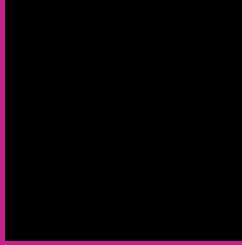
Any Text WCAG AA × Fail

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 201, 30, 144 Background



This preview shows how black text looks on a background with the RGB color 201, 30, 144.

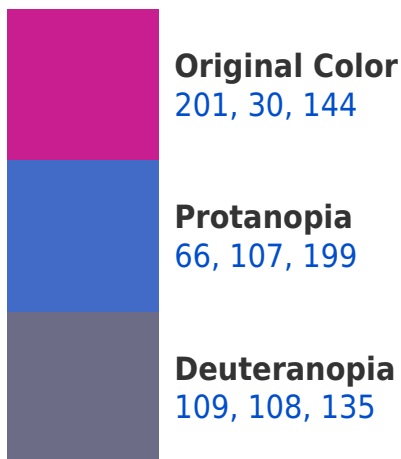


This preview shows how white text looks on a background with the RGB color 201, 30, 144.

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
195, 62, 65

Trichromacy



Original Color

201, 30, 144



Protanomaly

115, 79, 179



Deuteranomaly

142, 80, 138



Tritanomaly

197, 50, 94

Monochromacy



Original Color

201, 30, 144



Achromatopsia

94, 94, 94



Achromatomaly

133, 71, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 30, 144 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(201, 30, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 30, 144)  
}
```

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(201, 30, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 30, 144) }
```

Border

The CSS property to change the border of an element to RGB 201, 30, 144 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(201, 30, 144) }
```

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

```
.border{ border-color:rgb(201, 30, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 30, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 30, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 30, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 30,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 201, 30, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 30, 144) }
```

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

```
.background{ background-color: rgb(201, 30,  
144) }
```

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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