

Converting Colors

`RYB(206, 31, 160)`

Have a look what the booklet for
RYB(206, 31, 160) contains.

RYB(206, 31, 160)	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

R_YB(206, 31, 160)

Conversions

Conversions Part 1

Format	Color
Hex	CE1FA0
RGB	206, 31, 160
RGB Percent	81%, 12%, 63%
CMY	0.1922, 0.8784, 0.3725
CMYK	0.00, 0.85, 0.22, 0.19
HSL	316°, 74%, 46%
HSV	316°, 85%, 81%
XYZ	32.2887, 16.6398, 34.7677
YIQ	98.0310, 62.8910, 77.2190

Conversions

Conversions Part 2

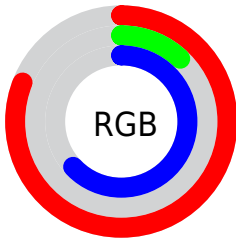
Format	Color
R_{YB}	206, 31, 160
Decimal	13508512
CIE _{Lab}	47.80, 73.87, -26.69
CIE _{LCh}	48, 78.541, 340.130
Yxy	16.6398, 0.3858, 0.1988
Android (android.graphics.Color)	4291698592 (0xFFCE1FA0)
YUV	98.0310, 30.5507, 94.6888
Hunter-Lab	40.7920, 69.9051, -21.9795

Details

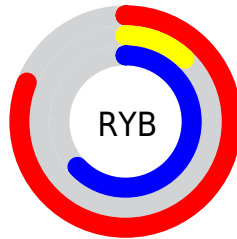
The RYB color **206, 31, 160** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **31, 170, 206**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **255, 101, 215**, and **147, 0, 108** is the 20% darker color. If you saturate the color by 10%, you get **206, 10, 155**, and if you desaturate by 10%, it is **206, 52, 165**.

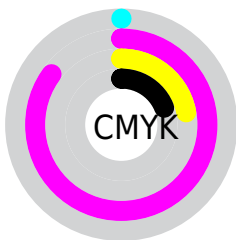
Distribution



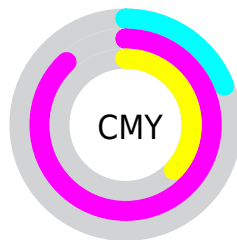
- Red (81%)
- Green (12%)
- Blue (63%)



- Red (81%)
- Yellow (12%)
- Blue (63%)



- Cyan (0%)
- Magenta (85%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (88%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 31, 160 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 RYB color 206, 31, 160 by changing the saturation by 10% instead.

 206, 31, 160

 206, 31, 160

255, 255, 255

 176, 0, 134

 255, 101, 215

 147, 0, 108

 255, 130, 244

 118, 0, 84

 255, 160, 255

 89, 0, 60

 255, 189, 255

 63, 0, 38

 255, 219, 255


 33, 0, 14

 255, 249, 255

 0, 0, 0

 206, 31, 160

 206, 31, 160

 206, 10, 155

 206, 52, 165

■ 206, 0, 152

■ 206, 72, 171

■ 206, 93, 176

■ 206, 113, 182

■ 206, 134, 187

■ 206, 155, 192

■ 206, 175, 198

■ 206, 196, 203

■ 206, 214, 216

Harmonies

Analogous

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



140, 83, 216



206, 31, 160



226, 0, 94

Triad

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



206, 31, 160



0, 118, 0



0, 82, 198

Complementary

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



206, 31, 160



31, 170, 206

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, 72, 141



206, 31, 160



0, 132, 100

Square

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



206, 31, 160



149, 173, 0



0, 94, 138



0, 85, 239

Rectangle

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



206, 31, 160



220, 35, 51



0, 94, 138



0, 79, 179

Sweetspot

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



206, 31, 160



255, 191, 238



75, 31, 206



128, 89, 117



0, 0, 0



128, 128, 128

Same Dimension

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



206, 31, 160



255, 0, 188



206, 31, 75



102, 92, 99



166, 0, 122



38, 0, 28

Inverse Universe

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



206, 31, 160



255, 0, 188



31, 131, 206



102, 92, 99



166, 0, 122



38, 0, 28

Previews

White Background



This preview shows how the RYB color 206, 31, 160 looks on a white background.

Color Contrast Check

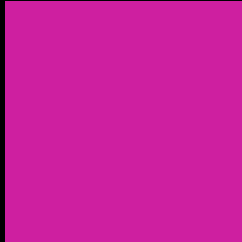
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 206, 31, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

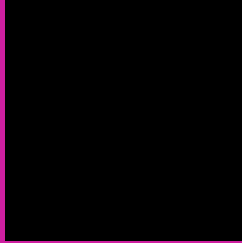
Any Text WCAG AA × Fail

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](#).

RYB 206, 31, 160 Background



This preview shows how black text looks on a background with the RYB color 206, 31, 160.

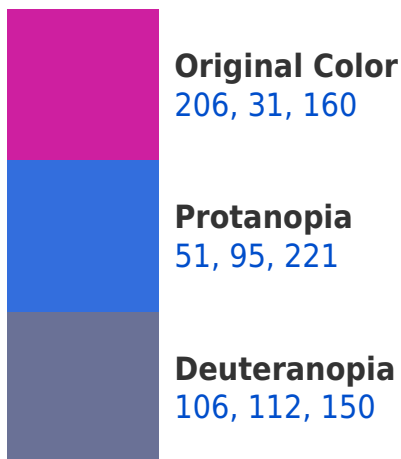


This preview shows how white text looks on a background with the RYB color 206, 31, 160.

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
199, 68, 72

Trichromacy



Original Color

206, 31, 160



Protanomaly

107, 82, 199



Deuteranomaly

142, 83, 154



Tritanomaly

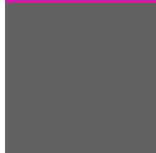
202, 55, 104

Monochromacy



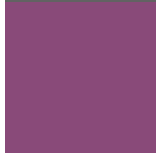
Original Color

206, 31, 160



Achromatopsia

98, 98, 98



Achromatomaly

137, 74, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 31, 160 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(206, 31, 160)` looks like.

```
.text, #text, p{  
    color:rgb(206, 31, 160)  
}
```

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(206, 31, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 31, 160) }
```

Border

The CSS property to change the border of an element to RYB 206, 31, 160 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(206, 31, 160) }
```

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

```
.border{ border-color:rgb(206, 31, 160) }
```

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

Here you see how a box with a 4 pixel rgb(206, 31, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 31, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 31, 160);  
box-shadow:4px 4px 4px 4px rgb(206, 31,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 206, 31, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 31, 160) }
```

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

```
.background{ background-color: rgb(206, 31,  
160) }
```

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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