

Converting Colors

`RYB(218, 131, 192)`

Have a look what the booklet for
RYB(218, 131, 192) contains.

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Color

R_YB(218, 131, 192)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DA83C0 |
| RGB | 218, 131, 192 |
| RGB Percent | 85%, 51%, 75% |
| CMY | 0.1451, 0.4863, 0.2471 |
| CMYK | 0.00, 0.40, 0.12, 0.15 |
| HSL | 318°, 54%, 68% |
| HSV | 318°, 40%, 85% |
| XYZ | 46.5442, 34.9438, 54.1609 |
| YIQ | 163.9670, 32.2710, 37.4150 |

Conversions

Conversions Part 2

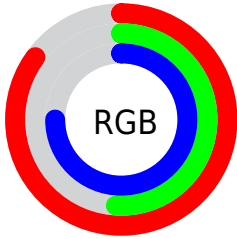
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 131, 192 |
| Decimal | 14320576 |
| CIE Lab | 65.70, 41.93, -17.60 |
| CIE LCh | 66, 45.472, 337.234 |
| Yxy | 34.9438, 0.3431, 0.2576 |
| Android (android.graphics.Color) | 4292510656 (0xFFDA83C0) |
| YUV | 163.9670, 13.8203, 47.3869 |
| Hunter-Lab | 59.1133, 37.0978, -12.9435 |

Details

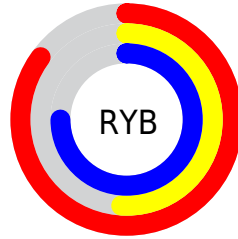
The RYB color **218, 131, 192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **131, 198, 218**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 186, 248**, and **161, 79, 138** is the 20% darker color. If you saturate the color by 10%, you get **218, 109, 185**, and if you desaturate by 10%, it is **218, 153, 199**.

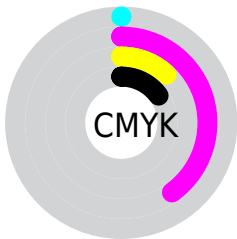
Distribution



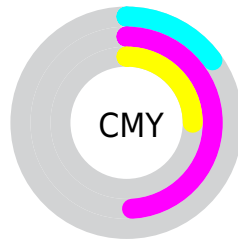
- Red (85%)
- Green (51%)
- Blue (75%)



- Red (85%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 131, 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 RYB color 218, 131, 192 by changing the saturation by 10% instead.

 218, 131, 192

255, 255, 255


 255, 186, 248

 255, 214, 255

 255, 243, 255

 218, 131, 192

 189, 105, 165

 161, 79, 138

 134, 53, 113

 107, 27, 88


 82, 0, 65

 57, 0, 43

 33, 0, 22

 0, 0, 0


 218, 131, 192


 218, 131, 192

 218, 109, 185

 218, 153, 199

 218, 87, 179

 218, 175, 205

 218, 66, 172


 218, 196, 212

 218, 44, 166

 218, 218, 218

 218, 22, 159

 218, 235, 240

 218, 0, 153

 218, 245, 255

 218, 242, 255

 218, 240, 255

 218, 238, 255

Harmonies

Analogous

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



176, 145, 225



218, 131, 192



236, 126, 151

Triad

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



218, 131, 192



92, 175, 76



0, 96, 208

Complementary

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



218, 131, 192



131, 198, 218

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, 94, 181



218, 131, 192



92, 171, 132

Square

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



218, 131, 192



210, 206, 84



76, 144, 178



0, 99, 234

Rectangle

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



218, 131, 192



236, 129, 125



76, 144, 178



0, 94, 196

Sweetspot

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



218, 131, 192



255, 224, 246



156, 131, 218



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



218, 131, 192



255, 133, 218



218, 131, 150



110, 99, 106



173, 0, 122



46, 0, 32

Inverse Universe

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



218, 131, 192



255, 133, 218



131, 180, 218



110, 99, 106



173, 0, 122



46, 0, 32

Previews

White Background



This preview shows how the RYB color 218, 131, 192 looks on a white background.

Color Contrast Check

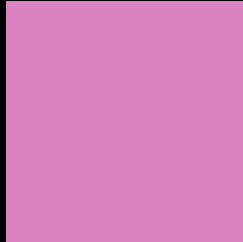
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 218, 131, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

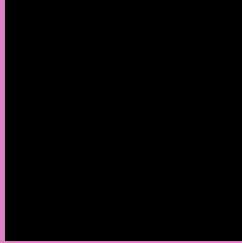
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 218, 131, 192 Background



This preview shows how black text looks on a background with the RYB color 218, 131, 192.

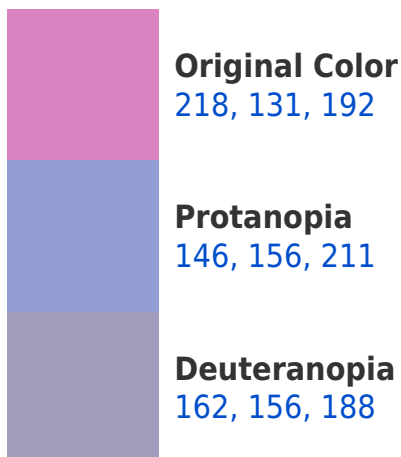



This preview shows how white text looks on a background with the RYB color 218, 131, 192.

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





Tritanopia
213, 139, 150

Trichromacy



Original Color

218, 131, 192



Protanomaly

172, 148, 204



Deuteranomaly

182, 147, 189



Tritanomaly

215, 136, 165

Monochromacy



Original Color

218, 131, 192



Achromatopsia

164, 164, 164



Achromatomaly

184, 152, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 131, 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(218, 131, 192) looks like.

```
.text, #text, p{  
    color:rgb(218, 131, 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(218, 131, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 131, 192) }
```

Border

The CSS property to change the border of an element to RYB 218, 131, 192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

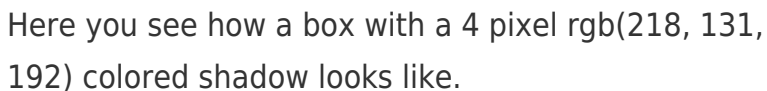
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 131, 192) }
```

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

```
.border{ border-color:rgb(218, 131, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 131, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 131, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 131, 192); box-shadow:4px 4px 4px 4px rgb(218, 131, 192) }
```

Background

The CSS property to change the background color of an element to RYB 218, 131, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 131, 192) }
```

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

```
.background{ background-color: rgb(218,  
131, 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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