

Converting Colors

`RYB(228, 129, 192)`

Have a look what the booklet for
RYB(228, 129, 192) contains.

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Color

R_YB(228, 129, 192)

Conversions

Conversions Part 1

Format	Color
Hex	E481C0
RGB	228, 129, 192
RGB Percent	89%, 51%, 75%
CMY	0.1059, 0.4941, 0.2471
CMYK	0.00, 0.43, 0.16, 0.11
HSL	322°, 65%, 70%
HSV	322°, 43%, 89%
XYZ	49.3596, 36.0003, 54.2164
YIQ	165.7830, 38.7810, 40.5810

Conversions

Conversions Part 2

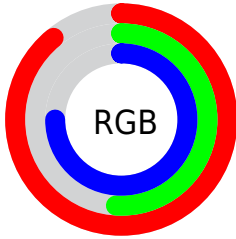
Format	Color
R _Y B	228, 129, 192
Decimal	14975424
CIE Lab	66.52, 46.21, -16.24
CIE LCh	67, 48.979, 340.630
Yxy	36.0003, 0.3536, 0.2579
Android (android.graphics.Color)	4293165504 (0xFFE481C0)
YUV	165.7830, 12.9250, 54.5643
Hunter-Lab	60.0002, 41.8439, -11.5745

Details

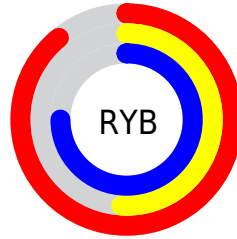
The RYB color **228, 129, 192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **129, 202, 228**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 184, 248**, and **171, 76, 138** is the 20% darker color. If you saturate the color by 10%, you get **228, 106, 184**, and if you desaturate by 10%, it is **228, 152, 200**.

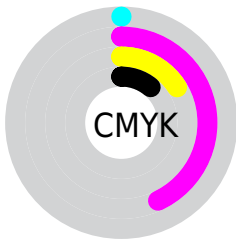
Distribution



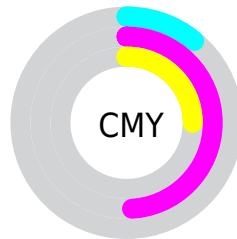
- Red (89%)
- Green (51%)
- Blue (75%)



- Red (89%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (11%)




- Cyan (11%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 129, 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 228, 129, 192 by changing the saturation by 10% instead.


 228, 129, 192

 228, 129, 192


255, 255, 255

 199, 102, 165

 255, 184, 248

 171, 76, 138

 255, 212, 255

 143, 50, 113

 255, 241, 255

 116, 21, 88


 89, 0, 65

 63, 0, 43

 40, 0, 22

 0, 0, 0

 228, 129, 192

 228, 129, 192


 228, 106, 184


 228, 152, 200

 228, 83, 175


 228, 175, 209

 228, 61, 167

 228, 197, 217

 228, 38, 159

 228, 220, 225

 228, 15, 151

 228, 239, 243

 228, 0, 145

 228, 246, 255

 228, 243, 255

 228, 242, 255

Harmonies

Analogous

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



186, 144, 229



228, 129, 192



244, 125, 148

Triad

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



228, 129, 192



82, 173, 72



0, 99, 218

Complementary

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



228, 129, 192



129, 202, 228

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, 184



228, 129, 192



92, 176, 143

Square

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



228, 129, 192



194, 211, 78



57, 136, 182



0, 102, 244

Rectangle

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



228, 129, 192



242, 130, 119



57, 136, 182



0, 97, 205

Sweetspot

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



228, 129, 192



255, 222, 243



164, 129, 228



128, 107, 120



0, 0, 0



128, 128, 128

Same Dimension

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



228, 129, 192



255, 122, 207



228, 129, 144



115, 103, 111



179, 0, 114



51, 0, 32

Inverse Universe

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



228, 129, 192



255, 122, 207



129, 183, 228



115, 103, 111



179, 0, 114



51, 0, 32

Previews

White Background



This preview shows how the RYB color 228, 129, 192 looks on a white background.

Color Contrast Check

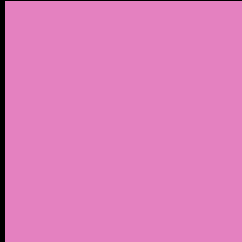
Large Text (above 18pt) WCAG AA × Fail

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 228, 129, 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 228, 129, 192 Background



This preview shows how black text looks on a background with the RYB color 228, 129, 192.

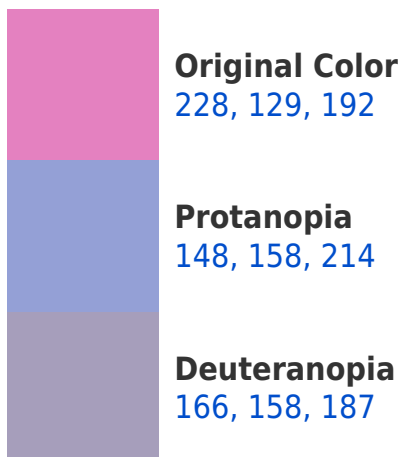


This preview shows how white text looks on a background with the RYB color 228, 129, 192.

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
223, 138, 148

Trichromacy



Original Color

228, 129, 192



Protanomaly

177, 149, 206



Deuteranomaly

189, 147, 189



Tritanomaly

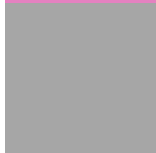
225, 135, 164

Monochromacy



Original Color

228, 129, 192



Achromatopsia

166, 166, 166



Achromatomaly

189, 153, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 129, 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(228, 129, 192)` looks like.

```
.text, #text, p{  
    color:rgb(228, 129, 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(228, 129, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 129, 192) }
```

Border

The CSS property to change the border of an element to RYB 228, 129, 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(228, 129, 192) }
```

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

```
.border{ border-color:rgb(228, 129, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 129, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 129, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 129, 192);  
box-shadow:4px 4px 4px 4px rgb(228, 129,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 228, 129, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 129, 192) }
```

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

```
.background{ background-color: rgb(228,  
129, 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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