

Converting Colors

`RYB(225, 135, 162)`

Have a look what the booklet for
RYB(225, 135, 162) contains.

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Color

R_YB(225, 135, 162)

Conversions

Conversions Part 1

Format	Color
Hex	E187A2
RGB	225, 135, 162
RGB Percent	88%, 53%, 64%
CMY	0.1176, 0.4706, 0.3647
CMYK	0.00, 0.40, 0.28, 0.12
HSL	342°, 60%, 71%
HSV	342°, 40%, 88%
XYZ	46.2369, 35.9441, 38.6834
YIQ	164.9880, 44.9730, 27.4770

Conversions

Conversions Part 2

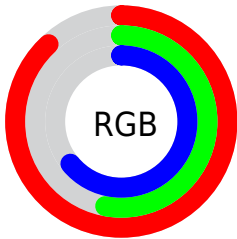
Format	Color
RYB	225, 135, 162
Decimal	14780322
CIELab	66.48, 37.73, 0.55
CIElCh	66, 37.735, 0.838
Yxy	35.9441, 0.3826, 0.2974
Android (android.graphics.Color)	4292970402 (0xFFE187A2)
YUV	164.9880, -1.4731, 52.6305
Hunter-Lab	59.9534, 32.7431, 3.7121

Details

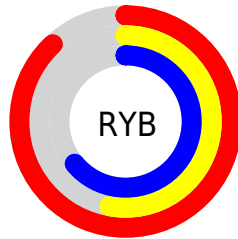
The RYB color **225, 135, 162** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **135, 188, 225**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 190, 217**, and **168, 83, 111** is the 20% darker color. If you saturate the color by 10%, you get **225, 113, 146**, and if you desaturate by 10%, it is **225, 157, 178**.

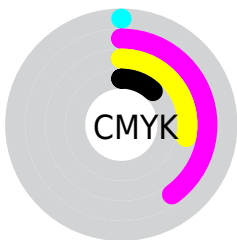
Distribution



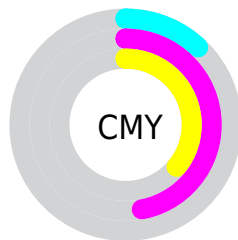
- Red (88%)
- Green (53%)
- Blue (64%)



- Red (88%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (12%)



- Cyan (12%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 135, 162 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 225, 135, 162 by changing the saturation by 10% instead.

 225, 135, 162

 225, 135, 162

255, 255, 255

 196, 109, 136

 255, 190, 217

 168, 83, 111

 255, 218, 245

 140, 58, 86

 255, 247, 255

 113, 33, 63

 86, 3, 41

 60, 0, 21

 36, 0, 1

 0, 0, 0

 225, 135, 162

 225, 135, 162

■ 225, 113, 146

■ 225, 157, 178

■ 225, 90, 131

■ 225, 180, 194

■ 225, 68, 115

■ 225, 203, 209

■ 225, 45, 99

■ 225, 225, 225

■ 225, 22, 83

■ 225, 239, 248

■ 225, 0, 68

■ 225, 240, 255

Harmonies

Analogous

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



205, 141, 195



225, 135, 162



226, 139, 129

Triad

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



225, 135, 162



102, 170, 125



46, 120, 220

Complementary

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



225, 135, 162



135, 188, 225

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, 93, 195



225, 135, 162



106, 161, 177

Square

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



225, 135, 162



124, 183, 93



57, 124, 180



113, 149, 229

Rectangle

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



225, 135, 162



217, 160, 110



57, 124, 180



14, 103, 213

Sweetspot

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



225, 135, 162



255, 224, 234



198, 135, 225



128, 110, 115



0, 0, 0



128, 128, 128

Same Dimension

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



225, 135, 162



255, 133, 169



225, 158, 135



112, 101, 104



176, 0, 53



48, 0, 15

Inverse Universe

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



225, 135, 162



255, 133, 169



135, 175, 225



112, 101, 104



176, 0, 53



48, 0, 15

Previews

White Background



This preview shows how the RYB color 225, 135, 162 looks on a white background.

Color Contrast Check

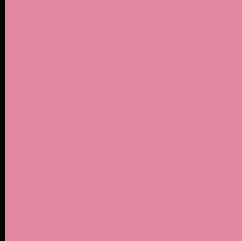
Large Text (above 18pt) WCAG AA × Fail

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 225, 135, 162 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 225, 135, 162 Background



This preview shows how black text looks on a background with the RYB color 225, 135, 162.

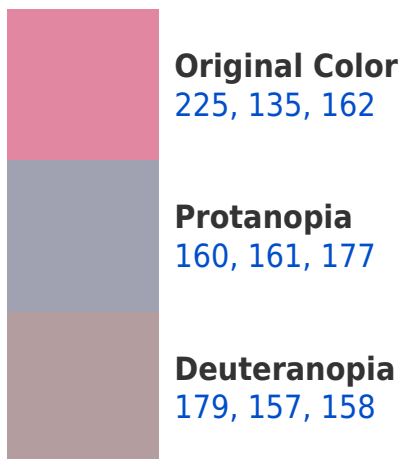


This preview shows how white text looks on a background with the RYB color 225, 135, 162.

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

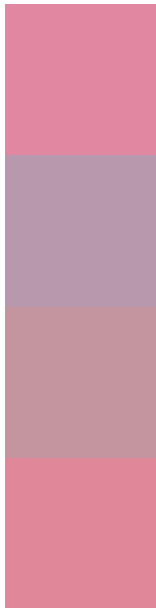




Tritanopia

224, 137, 148

Trichromacy



Original Color
225, 135, 162

Protanomaly
184, 152, 172

Deuteranomaly
196, 149, 159

Tritanomaly
224, 136, 153

Monochromacy



Original Color
225, 135, 162

Achromatopsia
165, 165, 165

Achromatomaly
187, 154, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 135, 162 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(225, 135, 162) looks like.

```
.text, #text, p{  
    color:rgb(225, 135, 162)  
}
```

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(225, 135, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 135, 162) }
```

Border

The CSS property to change the border of an element to RYB 225, 135, 162 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(225, 135, 162) }
```

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

```
.border{ border-color:rgb(225, 135, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 135, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 135, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 135, 162);  
box-shadow:4px 4px 4px 4px rgb(225, 135,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 225, 135, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 135, 162) }
```

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

```
.background{ background-color: rgb(225,  
135, 162) }
```

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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