

Converting Colors

`RYB(225, 81, 130)`

Have a look what the booklet for
RYB(225, 81, 130) contains.

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Color

`RYB(225, 81, 130)`

Conversions

Conversions Part 1

Format	Color
Hex	E15182
RGB	225, 81, 130
RGB Percent	88%, 32%, 51%
CMY	0.1176, 0.6824, 0.4902
CMYK	0.00, 0.64, 0.42, 0.12
HSL	340°, 71%, 60%
HSV	340°, 64%, 88%
XYZ	38.0230, 23.5041, 23.6518
YIQ	129.6420, 70.0950, 45.7670

Conversions

Conversions Part 2

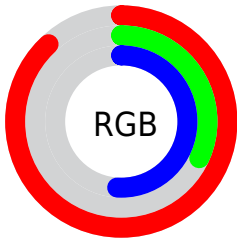
Format	Color
R _Y B	225, 81, 130
Decimal	14766466
CIE Lab	55.59, 59.85, 3.20
CIE LCh	56, 59.934, 3.062
Yxy	23.5041, 0.4464, 0.2759
Android (android.graphics.Color)	4292956546 (0xFFE15182)
YUV	129.6420, 0.1765, 83.6290
Hunter-Lab	48.4810, 55.1533, 5.0117

Details

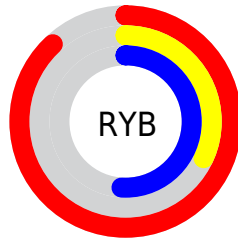
The RYB color **225, 81, 130** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **81, 168, 225**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 137, 183**, and **165, 10, 81** is the 20% darker color. If you saturate the color by 10%, you get **225, 59, 115**, and if you desaturate by 10%, it is **225, 103, 145**.

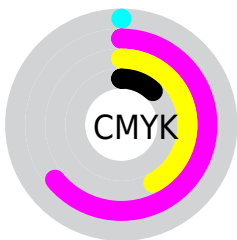
Distribution



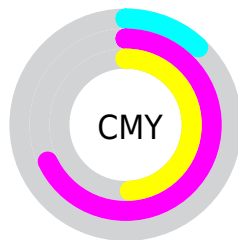
- Red (88%)
- Green (32%)
- Blue (51%)



- Red (88%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (64%)
- Yellow (42%)
- Black (12%)




- Cyan (12%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 81, 130 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, 81, 130 by changing the saturation by 10% instead.

 225, 81, 130

255, 255, 255

 255, 137, 183

 255, 166, 210

 255, 195, 239

 255, 224, 255

 255, 253, 255

 225, 81, 130

 195, 51, 105

 165, 10, 81

 135, 0, 58

 106, 0, 37

 78, 0, 16

 51, 0, 2

 0, 0, 0

 225, 81, 130

 225, 59, 115

 225, 81, 130

 225, 103, 145

 225, 36, 100

 225, 126, 160

 225, 14, 85

 225, 148, 175

 225, 0, 77

 225, 171, 189

 225, 194, 204

 225, 216, 219

 225, 234, 239

 225, 242, 255

 225, 240, 255

Harmonies

Analogous

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



200, 93, 181



225, 81, 130



221, 92, 79

Triad

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



225, 81, 130



36, 146, 81



0, 91, 226

Complementary

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



225, 81, 130



81, 168, 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, 86, 189



225, 81, 130



0, 100, 154

Square

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



225, 81, 130



30, 154, 4



0, 84, 157



0, 87, 237

Rectangle

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



225, 81, 130



206, 135, 50



0, 84, 157



0, 90, 216

Sweetspot

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



225, 81, 130



255, 207, 223



175, 81, 225



128, 98, 108



0, 0, 0



128, 128, 128

Same Dimension

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



225, 81, 130



255, 59, 125



225, 107, 81



112, 101, 105



176, 0, 60



48, 0, 16

Inverse Universe

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



225, 81, 130



255, 59, 125



81, 147, 225



112, 101, 105



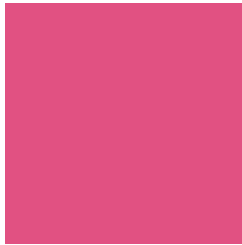
176, 0, 60



48, 0, 16

Previews

White Background



This preview shows how the RYB color 225, 81, 130 looks on a white background.

Color Contrast Check

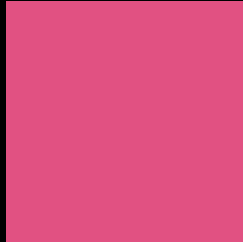
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 225, 81, 130 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 × Fail

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

RYB 225, 81, 130 Background



This preview shows how black text looks on a background with the RYB color 225, 81, 130.

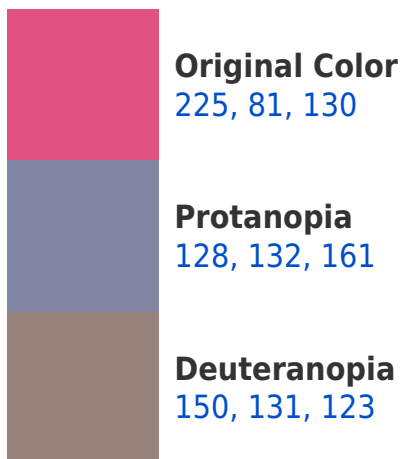



This preview shows how white text looks on a background with the RYB color 225, 81, 130.

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](#).

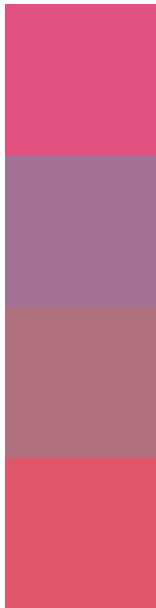
Dichromacy





Tritanopia
223, 89, 94

Trichromacy



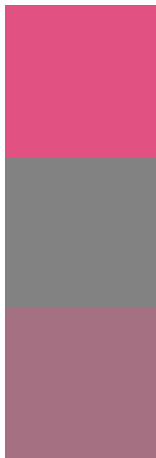
Original Color
225, 81, 130

Protanomaly
163, 113, 150

Deuteranomaly
177, 112, 126

Tritanomaly
224, 86, 107

Monochromacy



Original Color
225, 81, 130

Achromatopsia
130, 130, 130

Achromatomaly
165, 112, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 81, 130 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, 81, 130)` looks like.

```
.text, #text, p{  
    color:rgb(225, 81, 130)  
}
```

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, 81, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 81, 130) }
```

Border

The CSS property to change the border of an element to RYB 225, 81, 130 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, 81, 130) }
```

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

```
.border{ border-color:rgb(225, 81, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 81, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 81, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 81, 130); box-shadow:4px 4px 4px 4px rgb(225, 81, 130) }
```

Background

The CSS property to change the background color of an element to RGB 225, 81, 130 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 81, 130) }
```

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

```
.background{ background-color: rgb(225, 81,  
130) }
```

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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