

Converting Colors

`RYB(225, 101, 146)`

Have a look what the booklet for
RYB(225, 101, 146) contains.

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Color

R_YB(225, 101, 146)

Conversions

Conversions Part 1

Format	Color
Hex	E16592
RGB	225, 101, 146
RGB Percent	88%, 40%, 57%
CMY	0.1176, 0.6039, 0.4275
CMYK	0.00, 0.55, 0.35, 0.12
HSL	338°, 67%, 64%
HSV	338°, 55%, 88%
XYZ	40.8933, 27.3902, 30.3257
YIQ	143.2060, 59.4590, 40.2830

Conversions

Conversions Part 2

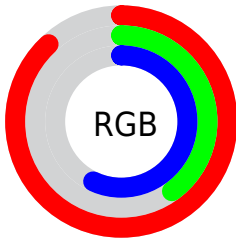
Format	Color
RYB	225, 101, 146
Decimal	14771602
CIELab	59.33, 52.75, -0.73
CIElCh	59, 52.754, 359.212
Yxy	27.3902, 0.4147, 0.2778
Android (android.graphics.Color)	4292961682 (0xFFE16592)
YUV	143.2060, 1.3774, 71.7333
Hunter-Lab	52.3357, 47.8864, 2.2797

Details

The RYB color **225, 101, 146** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **101, 177, 225**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 156, 200**, and **166, 45, 96** is the 20% darker color. If you saturate the color by 10%, you get **225, 78, 132**, and if you desaturate by 10%, it is **225, 123, 160**.

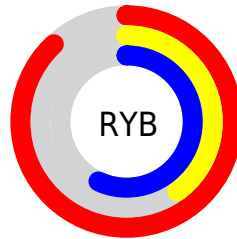
Distribution



Red (88%)

Green (40%)

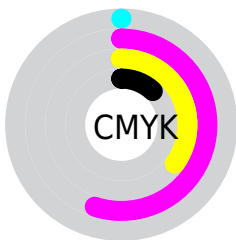
Blue (57%)



Red (88%)

Yellow (40%)

Blue (57%)

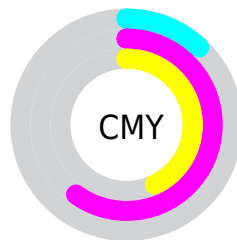


Cyan (0%)

Magenta (55%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 101, 146 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, 101, 146 by changing the saturation by 10% instead.

 225, 101, 146

255, 255, 255


 255, 156, 200

 255, 184, 228

 255, 213, 255

 255, 242, 255


 225, 101, 146

 195, 74, 120

 166, 45, 96

 137, 7, 72

 109, 0, 50


 81, 0, 29

 57, 0, 2

 16, 0, 0


 0, 0, 0

 225, 101, 146


 225, 101, 146

 225, 78, 132

 225, 123, 160

 225, 56, 117

 225, 146, 175

 225, 33, 103

 225, 169, 189

 225, 11, 89

 225, 191, 203

 225, 0, 82

 225, 214, 218

 225, 232, 236

 225, 243, 255

 225, 240, 255

Harmonies

Analogous

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



198, 112, 191



225, 101, 146



226, 106, 100

Triad

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



225, 101, 146



57, 153, 87



0, 93, 222

Complementary

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



225, 101, 146



101, 177, 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, 88, 187



225, 101, 146



58, 136, 162

Square

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



225, 101, 146



82, 169, 44



0, 89, 165



12, 97, 236

Rectangle

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



225, 101, 146



214, 136, 74



0, 89, 165



0, 92, 212

Sweetspot

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



225, 101, 146



255, 212, 227



180, 101, 225



128, 102, 111



0, 0, 0



128, 128, 128

Same Dimension

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



225, 101, 146



255, 87, 148



225, 121, 101



112, 101, 105



176, 0, 64



48, 0, 18

Inverse Universe

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



225, 101, 146



255, 87, 148



101, 158, 225



112, 101, 105



176, 0, 64



48, 0, 18

Previews

White Background



This preview shows how the RYB color 225, 101, 146 looks on a white background.

Color Contrast Check

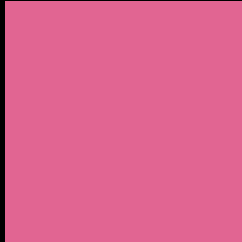
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101, 146 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, 101, 146 Background



This preview shows how black text looks on a background with the RYB color 225, 101, 146.

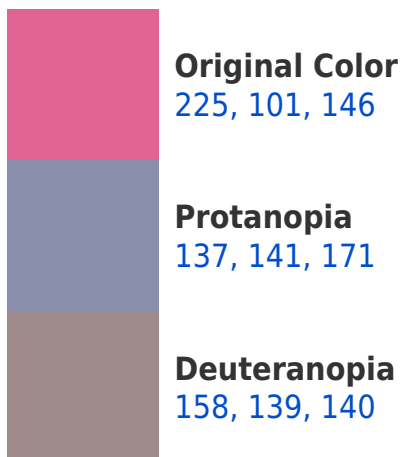


This preview shows how white text looks on a background with the RYB color 225, 101, 146.

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](#).

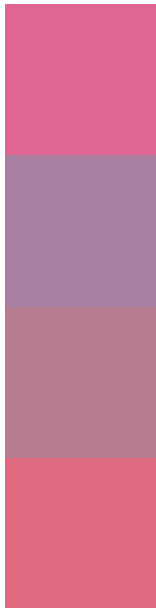
Dichromacy





Tritanopia
222, 107, 115

Trichromacy



Original Color
225, 101, 146

Protanomaly
169, 127, 162

Deuteranomaly
182, 125, 142

Tritanomaly
223, 105, 126

Monochromacy



Original Color
225, 101, 146

Achromatopsia
143, 143, 143

Achromatomaly
173, 128, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 101, 146 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, 101, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 101, 146)  
}
```

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, 101, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 101, 146) }
```

Border

The CSS property to change the border of an element to RYB 225, 101, 146 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, 101, 146) }
```

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

```
.border{ border-color:rgb(225, 101, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 101, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 101, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 101, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 101,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 225, 101, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 101, 146) }
```

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

```
.background{ background-color: rgb(225,  
101, 146) }
```

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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