

Converting Colors

`RYB(219, 77, 146)`

Have a look what the booklet for
RYB(219, 77, 146) contains.

RYB(219, 77, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(219, 77, 146)

Conversions

Conversions Part 1

Format	Color
Hex	DB4D92
RGB	219, 77, 146
RGB Percent	86%, 30%, 57%
CMY	0.1412, 0.6980, 0.4275
CMYK	0.00, 0.65, 0.33, 0.14
HSL	331°, 66%, 58%
HSV	331°, 65%, 86%
XYZ	37.0556, 22.4431, 29.5730
YIQ	127.3240, 62.4830, 51.5630

Conversions

Conversions Part 2

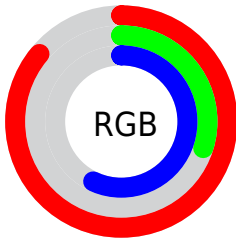
Format	Color
R_{YB}	219, 77, 146
Decimal	14372242
CIE _{Lab}	54.49, 61.41, -7.98
CIE _{LCh}	54, 61.928, 352.596
Yxy	22.4431, 0.4160, 0.2520
Android (android.graphics.Color)	4292562322 (0xFFDB4D92)
YUV	127.3240, 9.2073, 80.3999
Hunter-Lab	47.3742, 56.7160, -3.8495

Details

The RYB color **219, 77, 146** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **77, 171, 219**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 134, 200**, and **160, 0, 96** is the 20% darker color. If you saturate the color by 10%, you get **219, 55, 135**, and if you desaturate by 10%, it is **219, 99, 157**.

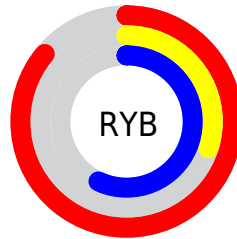
Distribution



Red (86%)

Green (30%)

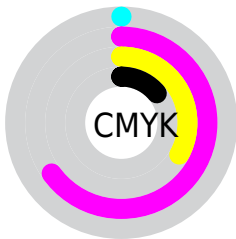
Blue (57%)



Red (86%)

Yellow (30%)

Blue (57%)

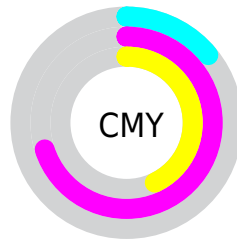


Cyan (0%)

Magenta (65%)

Yellow (33%)

Black (14%)



Cyan (14%)

Magenta (70%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 77, 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 219, 77, 146 by changing the saturation by 10% instead.



219, 77, 146



219, 77, 146

255, 255, 255



189, 46, 120



255, 134, 200



160, 0, 96



255, 162, 228



131, 0, 72



255, 191, 255



102, 0, 49



255, 220, 255



75, 0, 29



255, 250, 255



48, 0, 2



0, 0, 0



219, 77, 146



219, 77, 146



219, 55, 135



219, 99, 157

■ 219, 33, 123

■ 219, 121, 169

■ 219, 11, 112

■ 219, 143, 180

■ 219, 0, 106

■ 219, 165, 191

■ 219, 186, 202

■ 219, 208, 214

■ 219, 226, 230

■ 219, 241, 252

■ 219, 239, 255

Harmonies

Analogous

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



182, 97, 196



219, 77, 146



225, 80, 93

Triad

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



219, 77, 146



6, 140, 29



0, 89, 215

Complementary

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



219, 77, 146



77, 171, 219

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, 81, 170



219, 77, 146



41, 132, 149

Square

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



219, 77, 146



60, 167, 0



0, 88, 154



0, 88, 237

Rectangle

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



219, 77, 146



214, 102, 60



0, 88, 154



0, 87, 202

Sweetspot

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



219, 77, 146



255, 207, 230



148, 77, 219



128, 98, 112



0, 0, 0



128, 128, 128

Same Dimension

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



219, 77, 146



255, 56, 153



219, 77, 77



110, 99, 104



173, 0, 84



46, 0, 22

Inverse Universe

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



219, 77, 146



255, 56, 153



77, 148, 219



110, 99, 104



173, 0, 84



46, 0, 22

Previews

White Background



This preview shows how the RYB color 219, 77, 146 looks on a white background.

Color Contrast Check

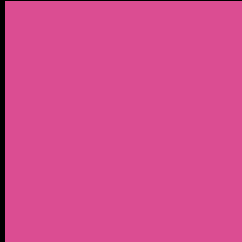
Large Text (above 18pt) WCAG AA ✓ Pass

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 219, 77, 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 219, 77, 146 Background



This preview shows how black text looks on a background with the RYB color 219, 77, 146.

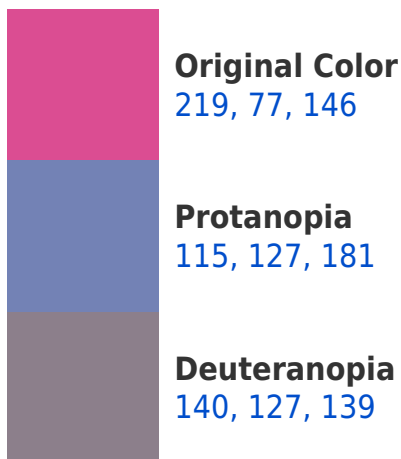



This preview shows how white text looks on a background with the RYB color 219, 77, 146.

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
215, 89, 95

Trichromacy



Original Color

219, 77, 146



Protanomaly

153, 110, 168



Deuteranomaly

169, 109, 142



Tritanomaly

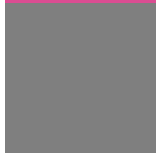
216, 85, 114

Monochromacy



Original Color

219, 77, 146



Achromatopsia

127, 127, 127



Achromatomaly

160, 109, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 77, 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(219, 77, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 77, 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(219, 77, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 77, 146) }
```

Border

The CSS property to change the border of an element to RYB 219, 77, 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(219, 77, 146) }
```

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

```
.border{ border-color:rgb(219, 77, 146) }
```

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

Here you see how a box with a 4 pixel rgb(219, 77, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 77, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 77, 146);  
box-shadow:4px 4px 4px 4px rgb(219, 77,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 219, 77, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 77, 146) }
```

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

```
.background{ background-color: rgb(219, 77,  
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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