

Converting Colors

`RYB(219, 100, 127)`

Have a look what the booklet for
RYB(219, 100, 127) contains.

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Color

R_YB(219, 100, 127)

Conversions

Conversions Part 1

Format	Color
Hex	DB647F
RGB	219, 100, 127
RGB Percent	86%, 39%, 50%
CMY	0.1412, 0.6078, 0.5020
CMYK	0.00, 0.54, 0.42, 0.14
HSL	346°, 62%, 63%
HSV	346°, 54%, 86%
XYZ	37.6014, 25.7067, 23.0588
YIQ	138.6590, 62.2570, 33.6250

Conversions

Conversions Part 2

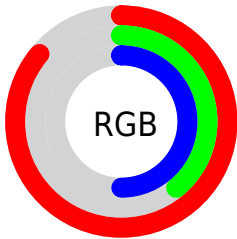
Format	Color
R_{YB}	219, 100, 127
Decimal	14378111
CIE _{Lab}	57.76, 49.13, 7.96
CIE _{LCh}	58, 49.769, 9.198
Yxy	25.7067, 0.4354, 0.2976
Android (android.graphics.Color)	4292568191 (0xFFDB647F)
YUV	138.6590, -5.7479, 70.4591
Hunter-Lab	50.7018, 43.6506, 8.5267

Details

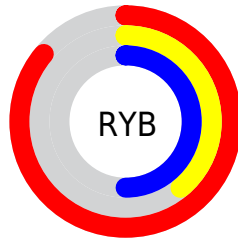
The RYB color **219, 100, 127** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **100, 167, 219**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 154, 180**, and **160, 46, 78** is the 20% darker color. If you saturate the color by 10%, you get **219, 78, 110**, and if you desaturate by 10%, it is **219, 122, 144**.

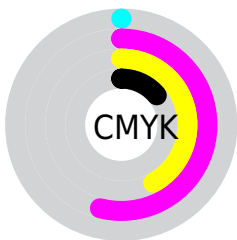
Distribution



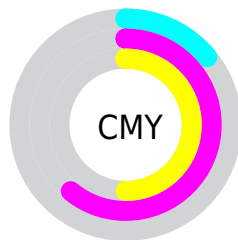
- Red (86%)
- Green (39%)
- Blue (50%)



- Red (86%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (54%)
- Yellow (42%)
- Black (14%)



- Cyan (14%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 100, 127 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, 100, 127 by changing the saturation by 10% instead.

 219, 100, 127

255, 255, 255

 255, 154, 180

 255, 182, 207


 255, 211, 235

 255, 240, 255

 219, 100, 127

 189, 73, 102

 160, 46, 78

 131, 11, 56

 103, 0, 34


 75, 0, 12

 50, 0, 2


 0, 0, 0

 219, 100, 127


 219, 78, 110

 219, 100, 127


 219, 122, 144

 219, 56, 93

 219, 144, 161

 219, 34, 76

 219, 166, 178

 219, 12, 59

 219, 188, 195

 219, 0, 50

 219, 210, 212

 219, 226, 231

 219, 238, 253

 219, 237, 255

Harmonies

Analogous

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



202, 106, 171



219, 100, 127



212, 114, 86

Triad

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



219, 100, 127



68, 152, 117



0, 90, 220

Complementary

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



219, 100, 127



100, 167, 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, 87, 193



219, 100, 127



23, 107, 158

Square

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



219, 100, 127



57, 150, 47



0, 82, 160



83, 123, 225

Rectangle

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



219, 100, 127



198, 160, 64



0, 82, 160



0, 90, 213

Sweetspot

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



219, 100, 127



255, 214, 223



191, 100, 219



128, 103, 109



0, 0, 0



128, 128, 128

Same Dimension

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



219, 100, 127



255, 89, 127



219, 144, 100



110, 99, 101



173, 0, 39



46, 0, 10

Inverse Universe

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



219, 100, 127



255, 89, 127



100, 150, 219



110, 99, 101



173, 0, 39



46, 0, 10

Previews

White Background



This preview shows how the RYB color 219, 100, 127 looks on a white background.

Color Contrast Check

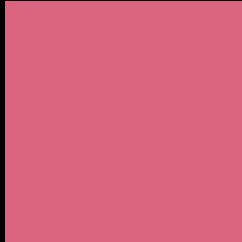
Large Text (above 18pt) WCAG AA ✓ Pass

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, 100, 127 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, 100, 127 Background



This preview shows how black text looks on a background with the RYB color 219, 100, 127.

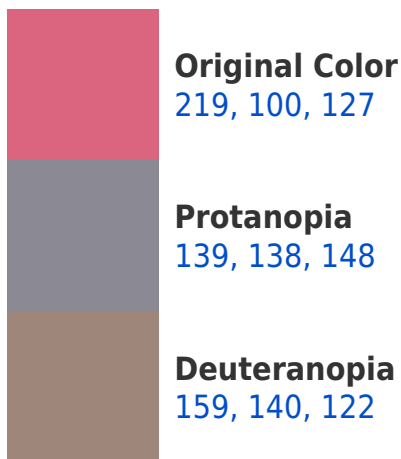



This preview shows how white text looks on a background with the RYB color 219, 100, 127.

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
218, 103, 110

Trichromacy



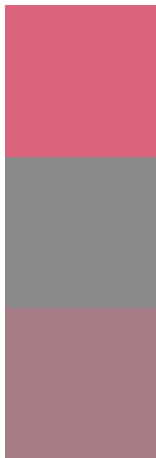
Original Color
219, 100, 127

Protanomaly
168, 124, 140

Deuteranomaly
181, 122, 124

Tritanomaly
218, 102, 116

Monochromacy



Original Color
219, 100, 127

Achromatopsia
139, 139, 139

Achromatomaly
168, 125, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 100, 127 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, 100, 127)` looks like.

```
.text, #text, p{  
    color:rgb(219, 100, 127)  
}
```

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, 100, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 100, 127) }
```

Border

The CSS property to change the border of an element to RYB 219, 100, 127 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, 100, 127) }
```

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

```
.border{ border-color:rgb(219, 100, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 100, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 100, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 100, 127);  
box-shadow:4px 4px 4px 4px rgb(219, 100,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 219, 100, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 100, 127) }
```

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

```
.background{ background-color: rgb(219,  
100, 127) }
```

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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