

Converting Colors

`RYB(219, 124, 227)`

Have a look what the booklet for
RYB(219, 124, 227) contains.

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Color

R_YB(219, 124, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DB7CE3
RGB	219, 124, 227
RGB Percent	86%, 49%, 89%
CMY	0.1412, 0.5137, 0.1098
CMYK	0.04, 0.45, 0.00, 0.11
HSL	295°, 65%, 69%
HSV	295°, 45%, 89%
XYZ	50.2862, 35.0214, 76.7825
YIQ	164.1470, 23.5570, 52.1730

Conversions

Conversions Part 2

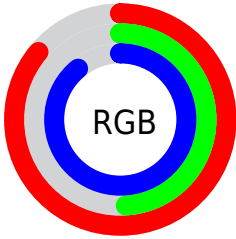
Format	Color
R _Y B	219, 124, 227
Decimal	14384355
CIE Lab	65.77, 51.96, -37.04
CIE LCh	66, 63.812, 324.514
Yxy	35.0214, 0.3102, 0.2161
Android (android.graphics.Color)	4292574435 (0xFFDB7CE3)
YUV	164.1470, 30.9865, 48.1061
Hunter-Lab	59.1789, 48.1141, -35.5014

Details

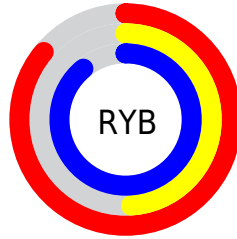
The RYB color **219, 124, 227** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **124, 227, 219**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 179, 255**, and **162, 71, 171** is the 20% darker color. If you saturate the color by 10%, you get **217, 101, 227**, and if you desaturate by 10%, it is **221, 147, 227**.

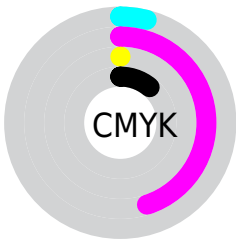
Distribution



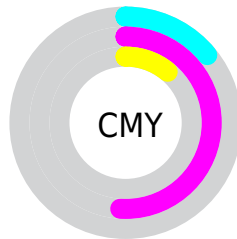
- Red (86%)
- Green (49%)
- Blue (89%)



- Red (86%)
- Yellow (49%)
- Blue (89%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (51%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the RYB color 219, 124, 227 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, 124, 227 by changing the saturation by 10% instead.

 219, 124, 227

255, 255, 255

 255, 179, 255

 255, 207, 255

 255, 236, 255

 219, 124, 227

 190, 97, 199

 162, 71, 171


 134, 44, 144

 107, 10, 118

 81, 0, 93

 55, 0, 69

 31, 0, 46

 0, 1, 24

 0, 0, 0

■ 219, 124, 227

■ 219, 124, 227

■ 217, 101, 227

■ 221, 147, 227

■ 215, 79, 227

■ 223, 169, 227

■ 214, 56, 227

■ 224, 192, 227

■ 212, 33, 227

■ 226, 215, 227

■ 210, 11, 227

■ 227, 238, 237

■ 209, 0, 227

■ 227, 255, 252

■ 227, 255, 251

■ 227, 255, 249

■ 227, 255, 247

Harmonies

Analogous

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



141, 148, 255



219, 124, 227



255, 106, 173

Triad

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



219, 124, 227



95, 198, 33



0, 98, 206

Complementary

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



219, 124, 227



124, 227, 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, 104, 186



219, 124, 227



44, 171, 72

Square

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



219, 124, 227



240, 170, 66



66, 161, 181



0, 106, 252

Rectangle

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



219, 124, 227



255, 106, 134



66, 161, 181



0, 94, 187

Sweetspot

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



219, 124, 227



252, 219, 255



124, 132, 227



126, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 124, 227



244, 117, 255



227, 124, 184



114, 103, 115



165, 0, 179



47, 0, 51

Inverse Universe

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



227, 124, 132



255, 117, 128



124, 197, 227



115, 103, 104



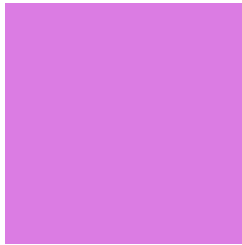
179, 0, 14



51, 0, 4

Previews

White Background



This preview shows how the RYB color 219, 124, 227 looks on a white background.

Color Contrast Check

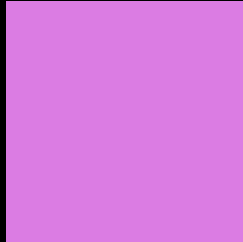
Large Text (above 18pt) WCAG AA × Fail

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 219, 124, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

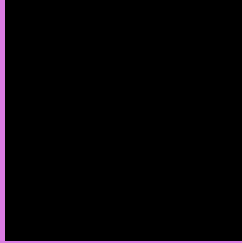
Any Text WCAG AA ✓ Pass

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](#).

R Y B 219, 124, 227 Background



This preview shows how black text looks on a background with the R Y B color 219, 124, 227.

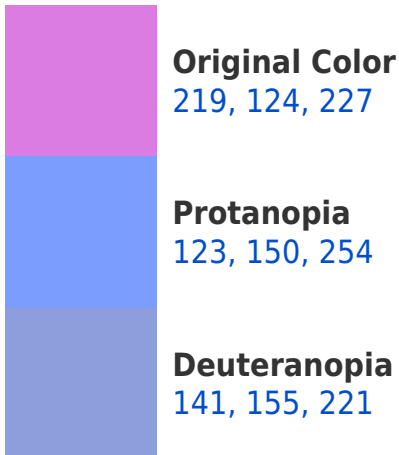



This preview shows how white text looks on a background with the R Y B color 219, 124, 227.

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
209, 141, 152

Trichromacy



Original Color

219, 124, 227



Protanomaly

158, 145, 244



Deuteranomaly

169, 146, 223



Tritanomaly

213, 135, 179

Monochromacy



Original Color

219, 124, 227



Achromatopsia

164, 164, 164



Achromatomaly

184, 149, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 124, 227 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, 124, 227) looks like.

```
.text, #text, p{  
    color:rgb(219, 124, 227)  
}
```

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, 124, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 124, 227) }
```

Border

The CSS property to change the border of an element to RYB 219, 124, 227 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, 124, 227) }
```

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

```
.border{ border-color:rgb(219, 124, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 124, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 124, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 124, 227); box-shadow:4px 4px 4px 4px rgb(219, 124, 227) }
```

Background

The CSS property to change the background color of an element to RGB 219, 124, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 124, 227) }
```

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

```
.background{ background-color: rgb(219,  
124, 227) }
```

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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