

Converting Colors

`RYB(227, 124, 201)`

Have a look what the booklet for
RYB(227, 124, 201) contains.

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Color

$\text{RYB}(227, 124, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	E37CC9
RGB	227, 124, 201
RGB Percent	89%, 49%, 79%
CMY	0.1098, 0.5137, 0.2118
CMYK	0.00, 0.45, 0.11, 0.11
HSL	315°, 65%, 69%
HSV	315°, 45%, 89%
XYZ	49.4288, 34.9632, 59.4017
YIQ	163.5750, 36.6710, 45.7830

Conversions

Conversions Part 2

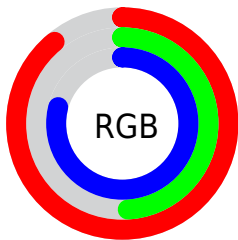
Format	Color
R _Y B	227, 124, 201
Decimal	14908617
CIE Lab	65.72, 49.84, -22.53
CIE LCh	66, 54.696, 335.681
Yxy	34.9632, 0.3437, 0.2431
Android (android.graphics.Color)	4293098697 (0xFFE37CC9)
YUV	163.5750, 18.4505, 55.6237
Hunter-Lab	59.1297, 45.7380, -18.1719

Details

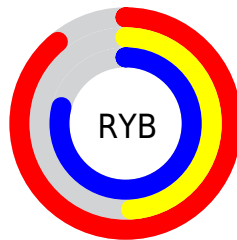
The RYB color **227, 124, 201** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **124, 206, 227**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 179, 255**, and **170, 71, 147** is the 20% darker color. If you saturate the color by 10%, you get **227, 101, 195**, and if you desaturate by 10%, it is **227, 147, 207**.

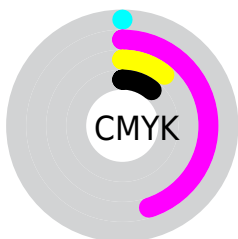
Distribution



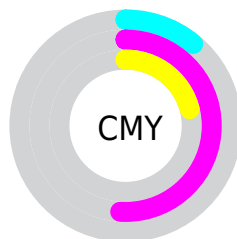
- Red (89%)
- Green (49%)
- Blue (79%)



- Red (89%)
- Yellow (49%)
- Blue (79%)



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



- Cyan (11%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 124, 201 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 227, 124, 201 by changing the saturation by 10% instead.

 227, 124, 201

 227, 124, 201

255, 255, 255

 198, 97, 174

 255, 179, 255

 170, 71, 147

 255, 207, 255

 142, 43, 121

 255, 236, 255

 114, 9, 96

 88, 0, 72

 62, 0, 49

 38, 0, 28

 0, 0, 0

 227, 124, 201

 227, 124, 201

■ 227, 101, 195

■ 227, 147, 207

■ 227, 79, 190

■ 227, 169, 212

■ 227, 56, 184

■ 227, 192, 218

■ 227, 33, 178

■ 227, 215, 224

■ 227, 11, 172

■ 227, 236, 238

■ 227, 0, 170

■ 227, 249, 255

■ 227, 246, 255

■ 227, 243, 255

■ 227, 242, 255

Harmonies

Analogous

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



175, 143, 240



227, 124, 201



249, 116, 152

Triad

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



227, 124, 201



77, 178, 56



0, 99, 216

Complementary

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



227, 124, 201



124, 206, 227

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, 96, 184



227, 124, 201



76, 173, 122

Square

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



227, 124, 201



219, 211, 69



50, 137, 181



0, 103, 248

Rectangle

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



227, 124, 201



249, 120, 120



50, 137, 181



0, 96, 201

Sweetspot

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



227, 124, 201



255, 219, 246



150, 124, 227



128, 106, 122



0, 0, 0



128, 128, 128

Same Dimension

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



227, 124, 201



255, 117, 220



227, 124, 150



115, 103, 112



179, 0, 133



51, 0, 38

Inverse Universe

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



227, 124, 201



255, 117, 220



124, 183, 227



115, 103, 112



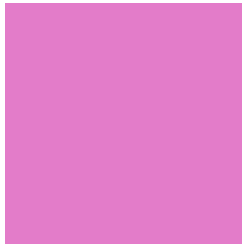
179, 0, 133



51, 0, 38

Previews

White Background



This preview shows how the RYB color 227, 124, 201 looks on a white background.

Color Contrast Check

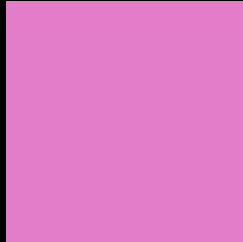
Large Text (above 18pt) WCAG AA × Fail

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 227, 124, 201 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](#).

RYB 227, 124, 201 Background



This preview shows how black text looks on a background with the RYB color 227, 124, 201.

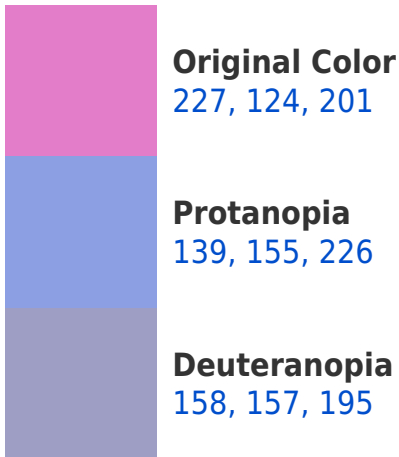



This preview shows how white text looks on a background with the RYB color 227, 124, 201.

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
221, 136, 146

Trichromacy



Original Color

227, 124, 201



Protanomaly

171, 146, 217



Deuteranomaly

183, 145, 197



Tritanomaly

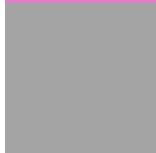
223, 132, 166

Monochromacy



Original Color

227, 124, 201



Achromatopsia

164, 164, 164



Achromatomaly

187, 149, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 124, 201 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(227, 124, 201) looks like.

```
.text, #text, p{  
    color:rgb(227, 124, 201)  
}
```

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(227, 124, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 124, 201) }
```

Border

The CSS property to change the border of an element to RYB 227, 124, 201 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(227, 124, 201) }
```

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

```
.border{ border-color:rgb(227, 124, 201) }
```

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

Here you see how a box with a 4 pixel rgb(227, 124, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 124, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 124, 201);  
box-shadow:4px 4px 4px 4px rgb(227, 124,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 227, 124, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 124, 201) }
```

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

```
.background{ background-color: rgb(227,  
124, 201) }
```

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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