

Converting Colors

`RYB(226, 162, 226)`

Have a look what the booklet for
RYB(226, 162, 226) contains.

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Color

R_YB(226, 162, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E2A2E2
RGB	226, 162, 226
RGB Percent	89%, 64%, 89%
CMY	0.1137, 0.3647, 0.1137
CMYK	0.00, 0.28, 0.00, 0.11
HSL	300°, 52%, 76%
HSV	300°, 28%, 89%
XYZ	58.0118, 47.5004, 78.0624
YIQ	188.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

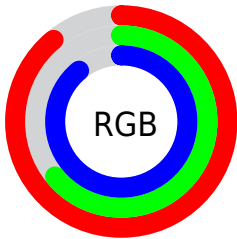
Format	Color
R _Y B	226, 162, 226
Decimal	14852834
CIE Lab	74.51, 34.00, -22.95
CIE LCh	75, 41.025, 325.981
Yxy	47.5004, 0.3160, 0.2588
Android (android.graphics.Color)	4293042914 (0xFFE2A2E2)
YUV	188.4320, 18.5210, 32.9471
Hunter-Lab	68.9205, 29.6362, -18.9101

Details

The RYB color **226, 162, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 226, 226**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 218, 255**, and **170, 109, 171** is the 20% darker color. If you saturate the color by 10%, you get **226, 139, 226**, and if you desaturate by 10%, it is **226, 185, 226**.

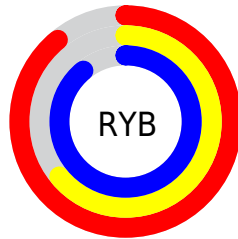
Distribution



Red (89%)

Green (64%)

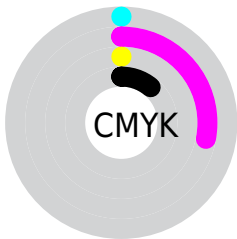
Blue (89%)



Red (89%)

Yellow (64%)

Blue (89%)

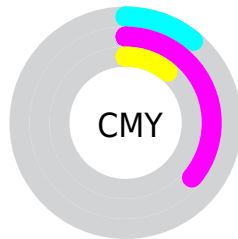


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (36%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 162, 226 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 226, 162, 226 by changing the saturation by 10% instead.


 226, 162, 226

 226, 162, 226

255, 255, 255

 198, 135, 198


 255, 218, 255


 170, 109, 171

 255, 246, 255


 143, 84, 144

 116, 60, 118

 91, 36, 93

 66, 10, 69


 43, 0, 47

 11, 0, 26

 0, 0, 0

 226, 162, 226


 226, 162, 226

 226, 139, 226


 226, 185, 226

 226, 117, 226

 226, 207, 226

 226, 94, 226

 226, 230, 230

 226, 72, 226

 226, 252, 252

 226, 49, 226

 226, 255, 255

 226, 26, 226

 226, 4, 226

 226, 0, 226

Harmonies

Analogous

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



180, 175, 251



226, 162, 226



252, 154, 190

Triad

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



226, 162, 226



157, 213, 107



0, 104, 215

Complementary

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



226, 162, 226



162, 226, 226

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.



77, 147, 203



226, 162, 226



114, 191, 131

Square

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



226, 162, 226



241, 192, 122



130, 190, 199



43, 131, 245

Rectangle

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



226, 162, 226



255, 154, 164



130, 190, 199



32, 118, 203

Sweetspot

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



226, 162, 226



255, 235, 255



162, 162, 226



128, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 162, 226



255, 168, 255



226, 162, 194



112, 101, 112



176, 0, 176



48, 0, 48

Inverse Universe

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



226, 162, 226



255, 168, 255



162, 205, 226



112, 101, 112



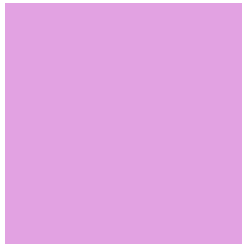
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 226, 162, 226 looks on a white background.

Color Contrast Check

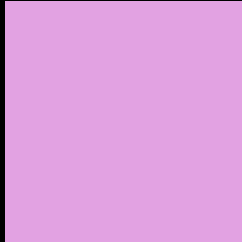
Large Text (above 18pt) WCAG AA × Fail

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 226, 162, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

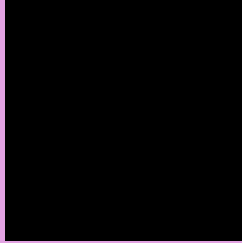
Any Text WCAG AA ✓ Pass

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 226, 162, 226 Background



This preview shows how black text looks on a background with the RYB color 226, 162, 226.

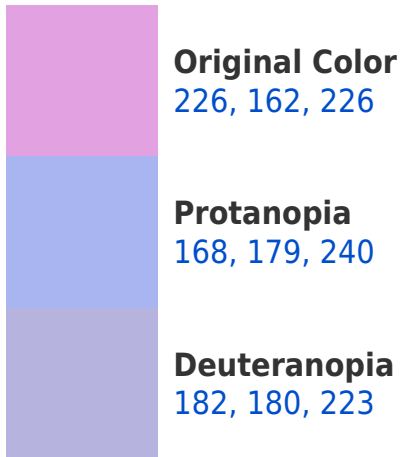


This preview shows how white text looks on a background with the RYB color 226, 162, 226.

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
220, 170, 183

Trichromacy



Original Color

226, 162, 226



Protanomaly

189, 174, 235



Deuteranomaly

198, 173, 224



Tritanomaly

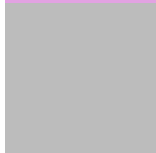
222, 167, 199

Monochromacy



Original Color

226, 162, 226



Achromatopsia

188, 188, 188



Achromatomaly

202, 179, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 162, 226 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(226, 162, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 226)  
}
```

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(226, 162, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 226) }
```

Border

The CSS property to change the border of an element to RYB 226, 162, 226 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(226, 162, 226) }
```

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

```
.border{ border-color:rgb(226, 162, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 162, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 162, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 162, 226); box-shadow:4px 4px 4px 4px rgb(226, 162, 226) }
```

Background

The CSS property to change the background color of an element to RYB 226, 162, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 226) }
```

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

```
.background{ background-color: rgb(226,  
162, 226) }
```

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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