

Converting Colors

`RYB(224, 162, 210)`

Have a look what the booklet for
RYB(224, 162, 210) contains.

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Color

R_YB(224, 162, 210)

Conversions

Conversions Part 1

Format	Color
Hex	E0A2D2
RGB	224, 162, 210
RGB Percent	88%, 64%, 82%
CMY	0.1216, 0.3647, 0.1765
CMYK	0.00, 0.28, 0.06, 0.12
HSL	314°, 50%, 76%
HSV	314°, 28%, 88%
XYZ	55.2937, 46.3411, 67.0032
YIQ	186.0100, 21.5440, 28.0720

Conversions

Conversions Part 2

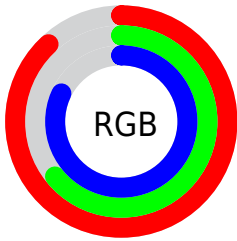
Format	Color
RYB	224, 162, 210
Decimal	14721746
CIELab	73.77, 30.47, -15.35
CIElCh	74, 34.118, 333.272
Yxy	46.3411, 0.3279, 0.2748
Android (android.graphics.Color)	4292911826 (0xFFE0A2D2)
YUV	186.0100, 11.8271, 33.3172
Hunter-Lab	68.0743, 25.8574, -10.7051

Details

The RYB color **224, 162, 210** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 213, 224**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 217, 255**, and **168, 110, 155** is the 20% darker color. If you saturate the color by 10%, you get **224, 140, 205**, and if you desaturate by 10%, it is **224, 184, 215**.

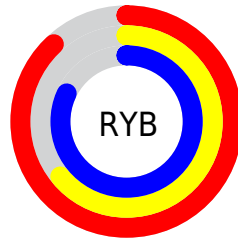
Distribution



Red (88%)

Green (64%)

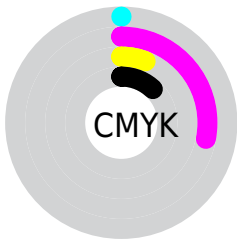
Blue (82%)



Red (88%)

Yellow (64%)

Blue (82%)

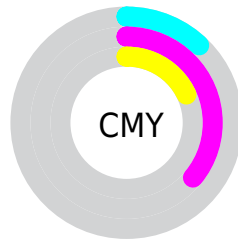


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (12%)



Cyan (12%)


Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 162, 210 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 224, 162, 210 by changing the saturation by 10% instead.

 224, 162, 210

 224, 162, 210


255, 255, 255

 196, 135, 182

 255, 217, 255

 168, 110, 155

 255, 246, 255

 141, 85, 129

 115, 60, 104

 89, 37, 80

 65, 13, 57

 42, 0, 35

 4, 0, 11

 0, 0, 0

■ 224, 162, 210

■ 224, 162, 210

■ 224, 140, 205

■ 224, 184, 215

■ 224, 117, 200

■ 224, 207, 220

■ 224, 95, 195

■ 224, 228, 229

■ 224, 72, 190

■ 224, 247, 252

■ 224, 50, 185

■ 224, 247, 255

■ 224, 28, 180

■ 224, 244, 255

■ 224, 5, 175

■ 224, 242, 255

■ 224, 0, 173

■ 224, 241, 255

■ 224, 240, 255

Harmonies

Analogous

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



190, 172, 234



224, 162, 210



242, 158, 179

Triad

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



224, 162, 210



143, 199, 118



74, 140, 215

Complementary

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



224, 162, 210



162, 213, 224

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.



93, 149, 198



224, 162, 210



128, 190, 152

Square

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



224, 162, 210



226, 205, 126



129, 179, 196



97, 153, 236

Rectangle

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



224, 162, 210



243, 159, 158



129, 179, 196



76, 139, 205

Sweetspot

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



224, 162, 210



255, 235, 250



175, 162, 224



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



224, 162, 210



255, 171, 236



224, 162, 180



112, 101, 110



176, 0, 136



48, 0, 38

Inverse Universe

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



224, 162, 210



255, 171, 236



162, 198, 224



112, 101, 110



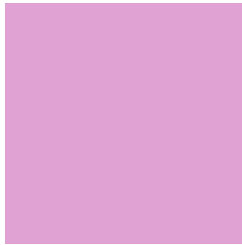
176, 0, 136



48, 0, 38

Previews

White Background



This preview shows how the RYB color 224, 162, 210 looks on a white background.

Color Contrast Check

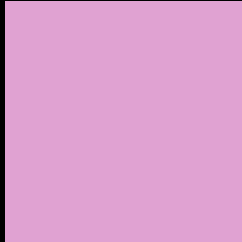
Large Text (above 18pt) WCAG AA × Fail

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 224, 162, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

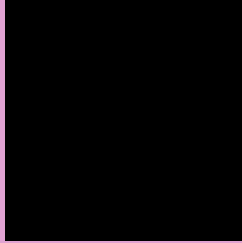
Any Text WCAG AA ✓ Pass

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 224, 162, 210 Background



This preview shows how black text looks on a background with the RYB color 224, 162, 210.

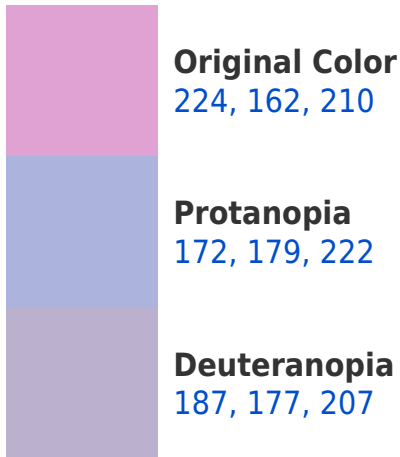



This preview shows how white text looks on a background with the RYB color 224, 162, 210.

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, 167, 180

Trichromacy



Original Color

224, 162, 210



Protanomaly

191, 173, 218



Deuteranomaly

200, 172, 208



Tritanomaly

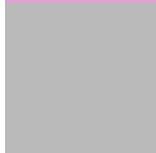
221, 165, 191

Monochromacy



Original Color

224, 162, 210



Achromatopsia

186, 186, 186



Achromatomaly

200, 177, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 162, 210 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(224, 162, 210)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 210)  
}
```

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(224, 162, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 210) }
```

Border

The CSS property to change the border of an element to RYB 224, 162, 210 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(224, 162, 210) }
```

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

```
.border{ border-color:rgb(224, 162, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 162, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 210);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 224, 162, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 210) }
```

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

```
.background{ background-color: rgb(224,  
162, 210) }
```

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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