

Converting Colors

`RYB(206, 162, 208)`

Have a look what the booklet for
RYB(206, 162, 208) contains.

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Color

R_YB(206, 162, 208)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CEA2D0 |
| RGB | 206, 162, 208 |
| RGB Percent | 81%, 64%, 82% |
| CMY | 0.1922, 0.3647, 0.1843 |
| CMYK | 0.01, 0.22, 0.00, 0.18 |
| HSL | 297°, 33%, 73% |
| HSV | 297°, 22%, 82% |
| XYZ | 49.7591, 43.5165, 65.4515 |
| YIQ | 180.4000, 11.4580, 23.6340 |

Conversions

Conversions Part 2

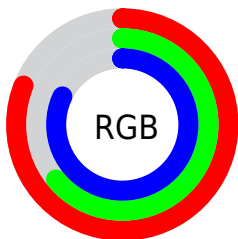
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 206, 162, 208 |
| Decimal | 13542096 |
| CIE _{Lab} | 71.90, 24.08, -17.23 |
| CIE _{LCh} | 72, 29.611, 324.412 |
| Yxy | 43.5165, 0.3135, 0.2742 |
| Android (android.graphics.Color) | 4291732176 (0xFFCEA2D0) |
| YUV | 180.4000, 13.6068, 22.4512 |
| Hunter-Lab | 65.9671, 19.2006, -12.6496 |

Details

The RYB color **206, 162, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 208, 206**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 217, 255**, and **151, 110, 154** is the 20% darker color. If you saturate the color by 10%, you get **205, 141, 208**, and if you desaturate by 10%, it is **207, 183, 208**.

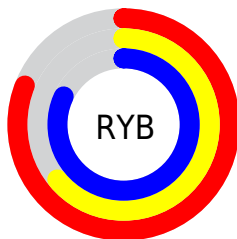
Distribution



Red (81%)

Green (64%)

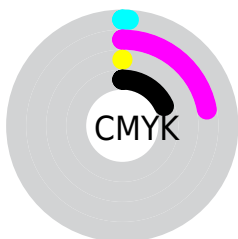
Blue (82%)



Red (81%)

Yellow (64%)

Blue (82%)

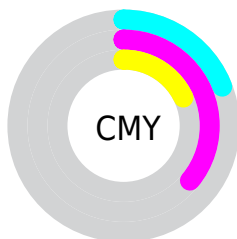


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (19%)

Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 162, 208 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 206, 162, 208 by changing the saturation by 10% instead.


 206, 162, 208

 206, 162, 208

255, 255, 255


 178, 136, 180

 255, 217, 255

 151, 110, 154

 255, 246, 255

 125, 85, 128

 100, 62, 102

 75, 39, 78

 52, 17, 55


 32, 0, 34


 0, 0, 8


 0, 0, 0

 206, 162, 208

 206, 162, 208

 205, 141, 208

 207, 183, 208

 204, 120, 208


 208, 204, 208

 203, 100, 208


 208, 224, 223

 202, 79, 208


 208, 245, 243

 201, 58, 208

 208, 255, 252

 201, 37, 208

 208, 255, 251

 200, 16, 208

 208, 255, 250

 199, 0, 208

 208, 255, 249

Harmonies

Analogous

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



173, 171, 225



206, 162, 208



226, 157, 182

Triad

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



206, 162, 208



165, 200, 123



92, 143, 198

Complementary

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



206, 162, 208



162, 208, 206

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.



111, 157, 191



206, 162, 208



126, 181, 135

Square

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



206, 162, 208



221, 181, 133



141, 185, 188



101, 151, 219

Rectangle

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



206, 162, 208



231, 156, 164



141, 185, 188



96, 144, 191

Sweetspot

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



206, 162, 208



254, 237, 255



162, 164, 208



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 162, 208



252, 186, 255



208, 162, 187



104, 94, 105



161, 0, 168



39, 0, 41

Inverse Universe

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



208, 162, 164



255, 186, 189



162, 194, 208



105, 94, 95



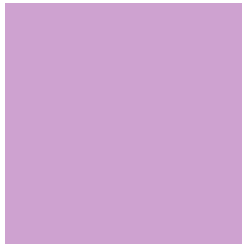
168, 0, 7



41, 0, 2

Previews

White Background



This preview shows how the RYB color 206, 162, 208 looks on a white background.

Color Contrast Check

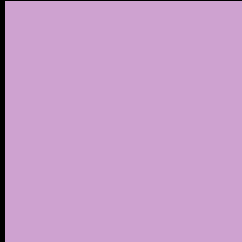
Large Text (above 18pt) WCAG AA × Fail

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 206, 162, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

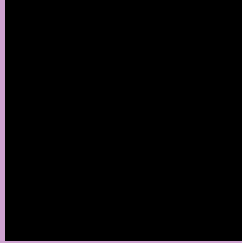
Any Text WCAG AA ✓ Pass

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 206, 162, 208 Background



This preview shows how black text looks on a background with the RYB color 206, 162, 208.



This preview shows how white text looks on a background with the RYB color 206, 162, 208.

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



Original Color
206, 162, 208

Protanopia
167, 174, 217

Deuteranopia
179, 172, 206



Tritanopia
202, 167, 180

Trichromacy



Original Color
206, 162, 208

Protanomaly
181, 170, 214

Deuteranomaly
189, 168, 207

Tritanomaly
203, 165, 190

Monochromacy



Original Color
206, 162, 208

Achromatopsia
180, 180, 180

Achromatomaly
189, 173, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 162, 208 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(206, 162, 208) looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 208)  
}
```

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(206, 162, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 208) }
```

Border

The CSS property to change the border of an element to RYB 206, 162, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

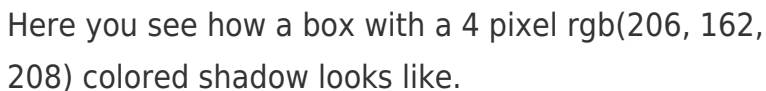
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 162, 208) }
```

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

```
.border{ border-color:rgb(206, 162, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 162, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 162, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 162, 208); box-shadow:4px 4px 4px 4px rgb(206, 162, 208) }
```

Background

The CSS property to change the background color of an element to RYB 206, 162, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 208) }
```

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

```
.background{ background-color: rgb(206,  
162, 208) }
```

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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