

Converting Colors

`RYB(220, 210, 226)`

Have a look what the booklet for
RYB(220, 210, 226) contains.

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Color

R_{YB}(220, 210, 226)

Conversions

Conversions Part 1

Format	Color
Hex	DCD2E2
RGB	220, 210, 226
RGB Percent	86%, 82%, 89%
CMY	0.1373, 0.1765, 0.1137
CMYK	0.03, 0.07, 0.00, 0.11
HSL	278°, 22%, 85%
HSV	278°, 7%, 89%
XYZ	66.2893, 66.7998, 81.3513
YIQ	214.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

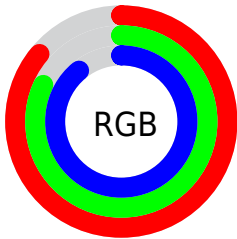
Format	Color
R _{YB}	220, 210, 226
Decimal	14471906
CIE Lab	85.40, 6.33, -6.65
CIE LCh	85, 9.179, 313.586
Yxy	66.7998, 0.3091, 0.3115
Android (android.graphics.Color)	4292661986 (0xFFDCD2E2)
YUV	214.8140, 5.5147, 4.5481
Hunter-Lab	81.7312, 1.7455, -1.8027

Details

The RYB color **220, 210, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 226, 220**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 156, 171** is the 20% darker color. If you saturate the color by 10%, you get **212, 187, 226**, and if you desaturate by 10%, it is **226, 233, 231**.

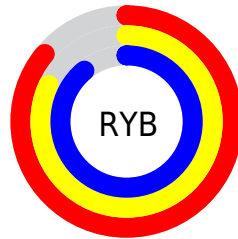
Distribution



Red (86%)

Green (82%)

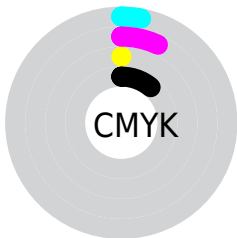
Blue (89%)



Red (86%)

Yellow (82%)

Blue (89%)

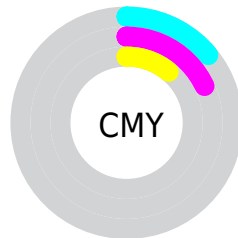


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 210, 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 220, 210, 226 by changing the saturation by 10% instead.

■ 220, 210, 226

255, 255, 255

■ 220, 210, 226

■ 192, 182, 198

■ 165, 156, 171

■ 139, 130, 144

■ 113, 104, 119

■ 89, 80, 94

■ 65, 57, 70


■ 43, 36, 48

■ 23, 15, 27

■ 0, 0, 0

 220, 210, 226

 220, 210, 226

 212, 187, 226


 226, 233, 231

 203, 165, 226

 226, 255, 244

 195, 142, 226


 226, 255, 236


 186, 120, 226

 226, 255, 227

 178, 97, 226

 226, 255, 226

 169, 74, 226

 161, 52, 226

 152, 29, 226

 144, 7, 226

Harmonies

Analogous

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



209, 212, 230



220, 210, 226



228, 208, 219

Triad

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



220, 210, 226



226, 224, 197



193, 207, 219

Complementary

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



220, 210, 226



210, 226, 220

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.



198, 211, 218



220, 210, 226



201, 217, 197

Square

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



220, 210, 226



231, 211, 202



201, 217, 212



193, 207, 225

Rectangle

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



220, 210, 226



232, 208, 213



201, 217, 212



194, 208, 219

Sweetspot

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



220, 210, 226



253, 250, 255



210, 214, 226



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



220, 210, 226



247, 235, 255



226, 210, 224



108, 101, 112



110, 0, 176



30, 0, 48

Inverse Universe

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



226, 210, 216



255, 235, 242



210, 224, 226



112, 101, 105



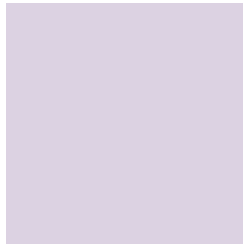
176, 0, 66



48, 0, 18

Previews

White Background



This preview shows how the RYB color 220, 210, 226 looks on a white background.

Color Contrast Check

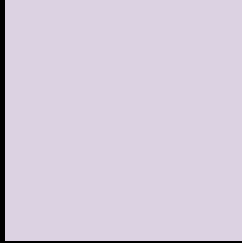
Large Text (above 18pt) WCAG AA × Fail

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 220, 210, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

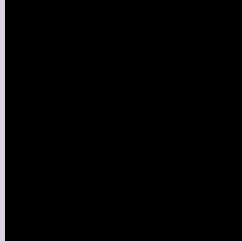
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

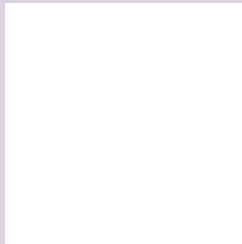
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 220, 210, 226 Background



This preview shows how black text looks on a background with the RYB color 220, 210, 226.

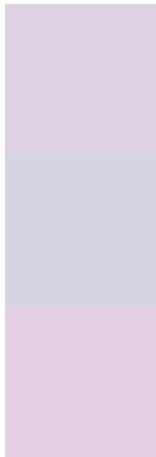


This preview shows how white text looks on a background with the RYB color 220, 210, 226.

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](#).

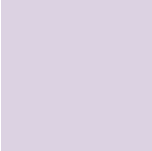
Dichromacy



Original Color
220, 210, 226

Protanopia
213, 212, 227

Deuteranopia
228, 207, 227



Tritanopia
220, 210, 226

Trichromacy



Original Color

220, 210, 226

Protanomaly

216, 211, 227

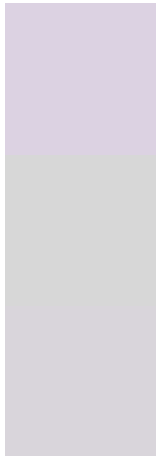
Deuteranomaly

225, 208, 227

Tritanomaly

220, 210, 226

Monochromacy



Original Color

220, 210, 226

Achromatopsia

215, 215, 215

Achromatomaly

217, 213, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 210, 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(220, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 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(220, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 226) }
```

Border

The CSS property to change the border of an element to RYB 220, 210, 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(220, 210, 226) }
```

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

```
.border{ border-color:rgb(220, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 220, 210, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 226) }
```

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

```
.background{ background-color: rgb(220,  
210, 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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