

Converting Colors

`RYB(205, 206, 249)`

Have a look what the booklet for
RYB(205, 206, 249) contains.

RYB(205, 206, 249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(205, 206, 249)

Conversions

Conversions Part 1

Format	Color
Hex	CDCEF9
RGB	205, 206, 249
RGB Percent	80%, 81%, 98%
CMY	0.1961, 0.1921, 0.0235
CMYK	0.18, 0.17, 0.00, 0.02
HSL	239°, 79%, 89%
HSV	239°, 18%, 98%
XYZ	64.3526, 63.9725, 98.5787
YIQ	210.6030, -14.3990, 13.1610

Conversions

Conversions Part 2

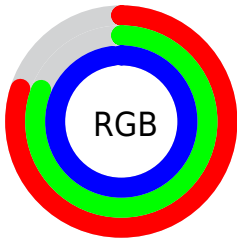
Format	Color
R _Y B	205, 206, 249
Decimal	13487865
CIE Lab	83.95, 8.22, -21.15
CIE LCh	84, 22.693, 291.246
Yxy	63.9725, 0.2836, 0.2819
Android (android.graphics.Color)	4291677945 (0xFFCDCEF9)
YUV	210.6030, 18.9297, -4.9138
Hunter-Lab	79.9828, 3.6477, -17.0869

Details

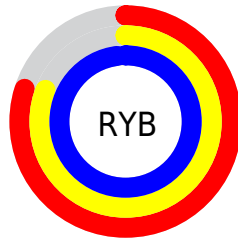
The RYB color **205, 206, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **206, 249, 205**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 152, 192** is the 20% darker color. If you saturate the color by 10%, you get **180, 182, 249**, and if you desaturate by 10%, it is **230, 230, 249**.

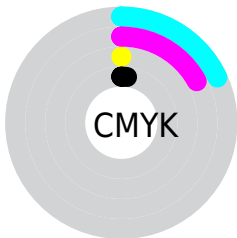
Distribution



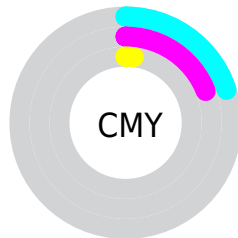
- Red (80%)
- Green (81%)
- Blue (98%)



- Red (80%)
- Yellow (81%)
- Blue (98%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 206, 249 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 205, 206, 249 by changing the saturation by 10% instead.

■ 205, 206, 249

255, 255, 255

■ 205, 206, 249

■ 177, 179, 220

■ 150, 152, 192

■ 124, 126, 165

■ 99, 101, 139

■ 74, 77, 113

■ 50, 54, 89


■ 27, 32, 65

■ 5, 10, 43

■ 0, 1, 22

 205, 206, 249


 205, 206, 249

 180, 182, 249


 230, 230, 249

 155, 157, 249


 249, 255, 249


 130, 133, 249


 105, 109, 249

 81, 84, 249

 56, 60, 249

 31, 36, 249

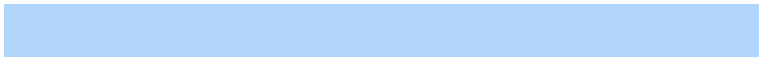
 6, 11, 249

 0, 6, 249

Harmonies

Analogous

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



177, 201, 251



205, 206, 249



231, 199, 236

Triad

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



205, 206, 249



248, 209, 177



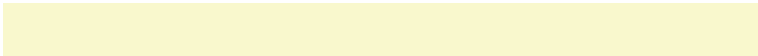
163, 198, 221

Complementary

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



205, 206, 249



206, 249, 205

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.



182, 218, 215



205, 206, 249



210, 232, 167

Square

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



205, 206, 249



254, 195, 195



169, 213, 172



151, 187, 224

Rectangle

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



205, 206, 249



244, 196, 224



169, 213, 172



170, 204, 221

Sweetspot

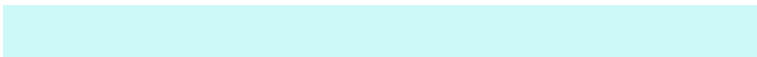
The Sweet Spot groups the original color and five complimentary colors.



205, 206, 249



242, 243, 255



205, 227, 249



120, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 206, 249



201, 203, 255



226, 205, 249



112, 113, 125



0, 4, 189



0, 1, 61

Inverse Universe

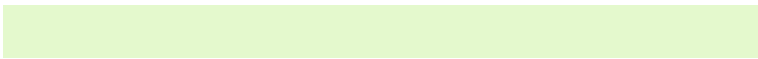
The Inverse Universe completely reimagines the original color for something new.



249, 205, 206



255, 201, 203



205, 249, 226



125, 112, 113



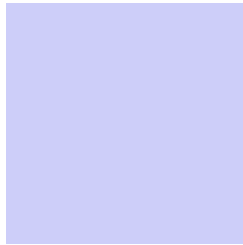
189, 0, 4



61, 0, 1

Previews

White Background



This preview shows how the RYB color 205, 206, 249 looks on a white background.

Color Contrast Check

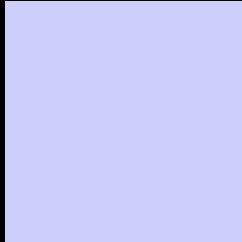
Large Text (above 18pt) WCAG AA × Fail

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 205, 206, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

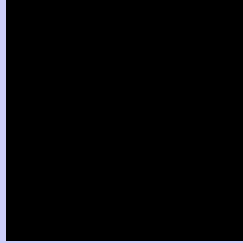
Any Text WCAG AA ✓ Pass

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 205, 206, 249 Background



This preview shows how black text looks on a background with the RYB color 205, 206, 249.



This preview shows how white text looks on a background with the RYB color 205, 206, 249.

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
[205, 206, 249](#)

Protanopia
[200, 206, 250](#)

Deuteranopia
[210, 204, 249](#)



Tritanopia
201, 208, 227

Trichromacy



Original Color
205, 206, 249

Protanomaly
202, 207, 250

Deuteranomaly
208, 205, 249

Tritanomaly
202, 208, 235

Monochromacy



Original Color
205, 206, 249

Achromatopsia
211, 211, 211

Achromatomaly
209, 209, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 206, 249 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(205, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 249)  
}
```

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(205, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 249) }
```

Border

The CSS property to change the border of an element to RYB 205, 206, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

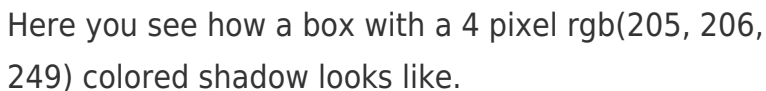
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 206, 249) }
```

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

```
.border{ border-color:rgb(205, 206, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 205, 206, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 249) }
```

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

```
.background{ background-color: rgb(205,  
206, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor