

Converting Colors

`RYB(206, 205, 254)`

Have a look what the booklet for
RYB(206, 205, 254) contains.

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Color

R_YB(206, 205, 254)

Conversions

Conversions Part 1

Format	Color
Hex	CECDFE
RGB	206, 205, 254
RGB Percent	81%, 80%, 100%
CMY	0.1922, 0.1961, 0.0039
CMYK	0.19, 0.19, 0.00, 0.00
HSL	241°, 96%, 90%
HSV	241°, 19%, 100%
XYZ	65.1743, 63.9402, 102.6726
YIQ	210.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

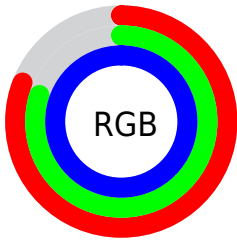
Format	Color
R _Y B	206, 205, 254
Decimal	13553150
CIE Lab	83.93, 10.16, -23.82
CIE LCh	84, 25.897, 293.092
Yxy	63.9402, 0.2812, 0.2759
Android (android.graphics.Color)	4291743230 (0xFFCECDFE)
YUV	210.8850, 21.2557, -4.2841
Hunter-Lab	79.9626, 5.5536, -20.1549

Details

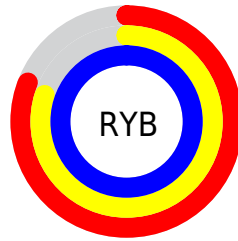
The RYB color `206, 205, 254` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `205, 254, 206`, and the grayscale version is `211, 211, 211`.

A 20% lighter version of the original color is `255, 255, 255`, and `151, 151, 197` is the 20% darker color. If you saturate the color by 10%, you get `181, 180, 254`, and if you desaturate by 10%, it is `231, 230, 254`.

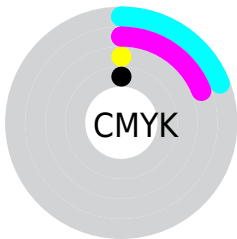
Distribution



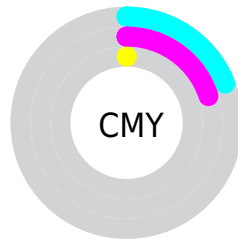
- Red (81%)
- Green (80%)
- Blue (100%)



- Red (81%)
- Yellow (80%)
- Blue (100%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 205, 254 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, 205, 254 by changing the saturation by 10% instead.

■ 206, 205, 254

255, 255, 255

■ 206, 205, 254

■ 178, 178, 225

■ 151, 151, 197

■ 125, 125, 170

■ 99, 100, 143

■ 74, 76, 118

■ 51, 54, 93

■ 27, 31, 69

■ 5, 9, 46

■ 0, 1, 25

■ 206, 205, 254

■ 206, 205, 254

■ 181, 180, 254

■ 231, 230, 254

■ 156, 154, 254

254, 255, 254

■ 131, 129, 254

■ 106, 103, 254

■ 82, 78, 254

■ 57, 53, 254

■ 32, 27, 254

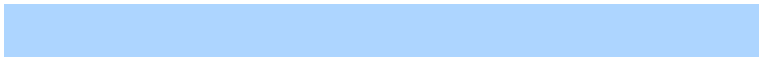
■ 7, 2, 254

■ 5, 0, 254

Harmonies

Analogous

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



173, 200, 255



206, 205, 254



235, 197, 239

Triad

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



206, 205, 254



252, 212, 171



155, 195, 223

Complementary

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



206, 205, 254



205, 254, 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.



179, 220, 219



206, 205, 254



204, 233, 161

Square

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



206, 205, 254



255, 193, 191



164, 214, 170



141, 183, 227

Rectangle

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



206, 205, 254



249, 193, 224



164, 214, 170



162, 201, 222

Sweetspot

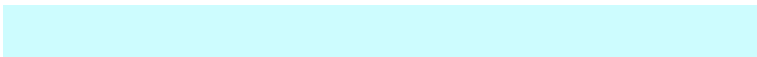
The Sweet Spot groups the original color and five complimentary colors.



206, 205, 254



240, 240, 255



205, 229, 254



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 205, 254



198, 196, 255



230, 205, 254



115, 115, 128



4, 0, 191



1, 0, 64

Inverse Universe

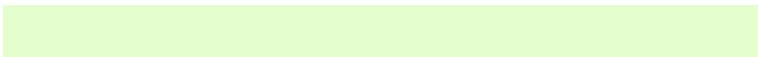
The Inverse Universe completely reimagines the original color for something new.



254, 205, 253



255, 196, 254



205, 254, 230



128, 115, 127



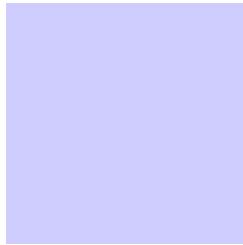
191, 0, 187



64, 0, 62

Previews

White Background



This preview shows how the RYB color 206, 205, 254 looks on a white background.

Color Contrast Check

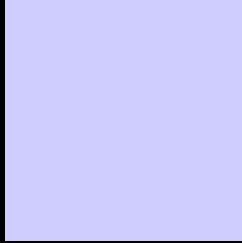
Large Text (above 18pt) WCAG AA × Fail

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, 205, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

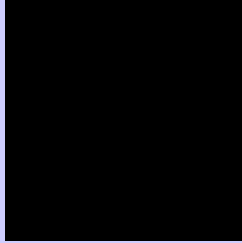
Any Text WCAG AA ✓ Pass

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, 205, 254 Background



This preview shows how black text looks on a background with the RYB color 206, 205, 254.

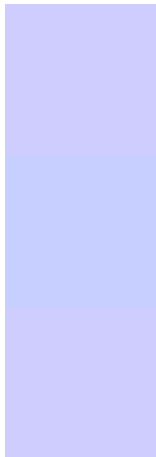


This preview shows how white text looks on a background with the RYB color 206, 205, 254.

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, 205, 254

Protanopia
198, 206, 255

Deuteranopia
207, 205, 254



Tritanopia
201, 208, 226

Trichromacy



Original Color
206, 205, 254

Protanomaly
201, 206, 255

Deuteranomaly
207, 205, 254

Tritanomaly
203, 207, 236

Monochromacy



Original Color
206, 205, 254

Achromatopsia
211, 211, 211

Achromatomaly
209, 209, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 205, 254 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, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 254)  
}
```

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, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 254) }
```

Border

The CSS property to change the border of an element to RYB 206, 205, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

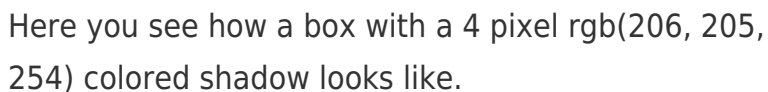
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 205, 254) }
```

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

```
.border{ border-color:rgb(206, 205, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 205, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 206, 205, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 254) }
```

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

```
.background{ background-color: rgb(206,  
205, 254) }
```

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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