

Converting Colors

`RYB(206, 154, 253)`

Have a look what the booklet for
RYB(206, 154, 253) contains.

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Color

R_YB(206, 154, 253)

Conversions

Conversions Part 1

Format	Color
Hex	CE9AFD
RGB	206, 154, 253
RGB Percent	81%, 60%, 99%
CMY	0.1922, 0.3961, 0.0078
CMYK	0.19, 0.39, 0.00, 0.01
HSL	272°, 96%, 80%
HSV	272°, 39%, 99%
XYZ	54.7388, 43.3249, 98.4060
YIQ	180.8340, -0.7870, 41.8130

Conversions

Conversions Part 2

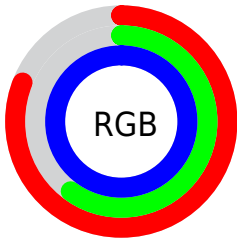
Format	Color
R _Y B	206, 154, 253
Decimal	13540093
CIE Lab	71.77, 37.66, -42.03
CIE LCh	72, 56.432, 311.857
Yxy	43.3249, 0.2786, 0.2205
Android (android.graphics.Color)	4291730173 (0xFFCE9AFD)
YUV	180.8340, 35.5778, 22.0706
Hunter-Lab	65.8216, 33.2570, -42.5658

Details

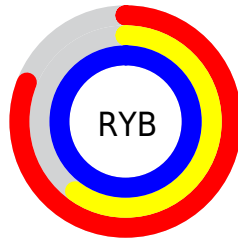
The RYB color **206, 154, 253** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **154, 253, 206**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 209, 255**, and **150, 102, 196** is the 20% darker color. If you saturate the color by 10%, you get **194, 129, 253**, and if you desaturate by 10%, it is **218, 179, 253**.

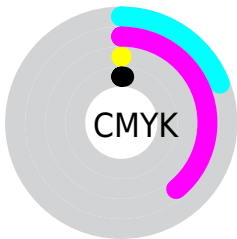
Distribution



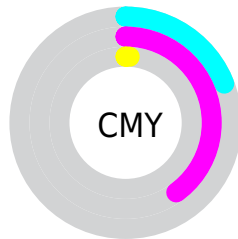
- Red (81%)
- Green (60%)
- Blue (99%)



- Red (81%)
- Yellow (60%)
- Blue (99%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (1%)




- Cyan (19%)
- Magenta (40%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 206, 154, 253 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, 154, 253 by changing the saturation by 10% instead.

 206, 154, 253

 206, 154, 253


255, 255, 255

 178, 128, 224

 255, 209, 255

 150, 102, 196


 255, 238, 255

 123, 77, 168

 96, 53, 142

 70, 29, 116

 44, 4, 91

 21, 0, 67

 0, 1, 43

 0, 1, 22

■ 206, 154, 253

■ 206, 154, 253

■ 194, 129, 253

■ 218, 179, 253

■ 182, 103, 253

■ 230, 205, 253

■ 170, 78, 253

■ 242, 230, 253

■ 158, 53, 253

253, 255, 254

■ 146, 27, 253

253, 255, 253

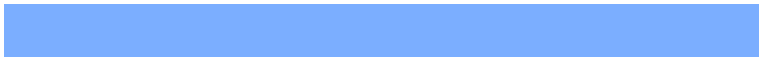
■ 134, 2, 253

■ 133, 0, 253

Harmonies

Analogous

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



123, 160, 255



206, 154, 253



254, 136, 209

Triad

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



206, 154, 253



200, 231, 76



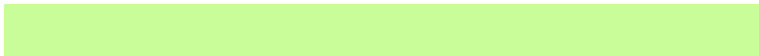
0, 103, 202

Complementary

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



206, 154, 253



154, 253, 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.



33, 133, 199



206, 154, 253



75, 186, 69

Square

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



206, 154, 253



255, 153, 110



96, 192, 159



0, 109, 243

Rectangle

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



206, 154, 253



255, 131, 175



96, 192, 159



0, 107, 201

Sweetspot

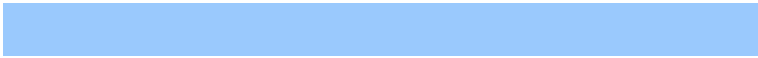
The Sweet Spot groups the original color and five complimentary colors.



206, 154, 253



240, 224, 255



154, 186, 253



119, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 154, 253



198, 135, 255



253, 154, 251



121, 115, 128



100, 0, 191



33, 0, 64

Inverse Universe

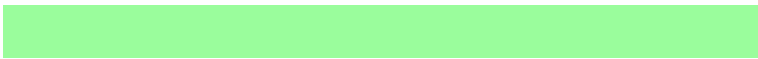
The Inverse Universe completely reimagines the original color for something new.



253, 154, 201



255, 135, 192



154, 251, 253



128, 115, 121



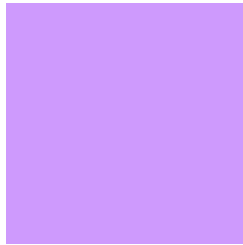
191, 0, 91



64, 0, 30

Previews

White Background



This preview shows how the RYB color 206, 154, 253 looks on a white background.

Color Contrast Check

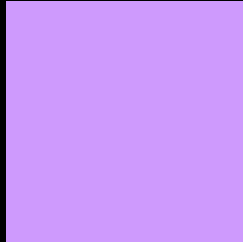
Large Text (above 18pt) WCAG AA × Fail

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, 154, 253 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, 154, 253 Background



This preview shows how black text looks on a background with the RYB color 206, 154, 253.

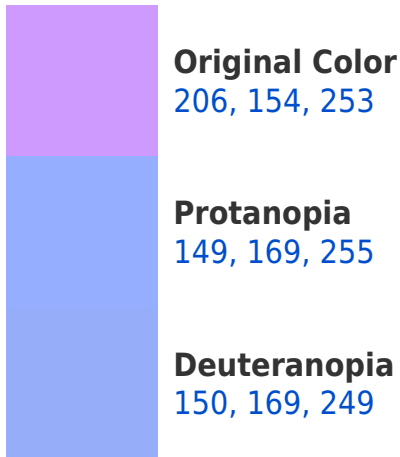


This preview shows how white text looks on a background with the RYB color 206, 154, 253.

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

194, 169, 182

Trichromacy



Original Color

206, 154, 253



Protanomaly

170, 166, 254



Deuteranomaly

170, 167, 250

Tritanomaly

198, 164, 208

Monochromacy



Original Color

206, 154, 253



Achromatopsia

181, 181, 181



Achromatomaly

190, 171, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 154, 253 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, 154, 253) looks like.

```
.text, #text, p{  
    color:rgb(206, 154, 253)  
}
```

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, 154, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 154, 253) }
```

Border

The CSS property to change the border of an element to RYB 206, 154, 253 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, 154, 253) }
```

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

```
.border{ border-color:rgb(206, 154, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 154, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 154, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 154, 253); box-shadow:4px 4px 4px 4px rgb(206, 154, 253) }
```

Background

The CSS property to change the background color of an element to RYB 206, 154, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 154, 253) }
```

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

```
.background{ background-color: rgb(206,  
154, 253) }
```

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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