

Converting Colors

`RYB(204, 140, 252)`

Have a look what the booklet for
RYB(204, 140, 252) contains.

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Color

R_YB(204, 140, 252)

Conversions

Conversions Part 1

Format	Color
Hex	CC8CFC
RGB	204, 140, 252
RGB Percent	80%, 55%, 99%
CMY	0.2000, 0.4510, 0.0118
CMYK	0.19, 0.44, 0.00, 0.01
HSL	274°, 95%, 77%
HSV	274°, 44%, 99%
XYZ	51.8506, 38.6218, 96.8174
YIQ	171.9040, 2.1920, 48.4000

Conversions

Conversions Part 2

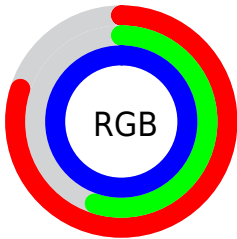
Format	Color
RYB	204, 140, 252
Decimal	13405436
CIELab	68.48, 44.42, -46.67
CIELCh	68, 64.435, 313.586
Yxy	38.6218, 0.2768, 0.2062
Android (android.graphics.Color)	4291595516 (0xFFCC8CFC)
YUV	171.9040, 39.4873, 28.1482
Hunter-Lab	62.1464, 40.1715, -48.8648

Details

The RYB color **204, 140, 252** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **140, 252, 204**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 195, 255**, and **148, 88, 195** is the 20% darker color. If you saturate the color by 10%, you get **193, 115, 252**, and if you desaturate by 10%, it is **215, 165, 252**.

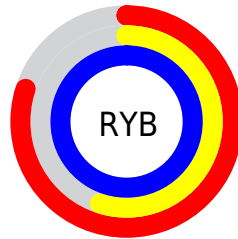
Distribution



Red (80%)

Green (55%)

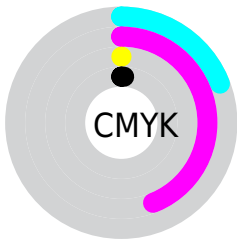
Blue (99%)



Red (80%)

Yellow (55%)

Blue (99%)

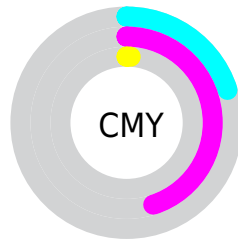


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (20%)


Magenta (45%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 204, 140, 252 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 204, 140, 252 by changing the saturation by 10% instead.

 204, 140, 252

 204, 140, 252

255, 255, 255

 176, 114, 223

 255, 195, 255


 148, 88, 195

 255, 223, 255


 120, 63, 167

 255, 252, 255

 93, 38, 140

 67, 10, 114

 40, 0, 89

 16, 0, 65

 0, 3, 42

 0, 1, 20

■ 204, 140, 252

■ 204, 140, 252

■ 193, 115, 252

■ 215, 165, 252

■ 182, 90, 252

■ 226, 190, 252

■ 172, 64, 252

■ 236, 216, 252

■ 161, 39, 252

■ 247, 241, 252

■ 150, 14, 252

252, 255, 252

■ 144, 0, 252

Harmonies

Analogous

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



104, 147, 255



204, 140, 252



255, 118, 201

Triad

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



204, 140, 252



170, 224, 48



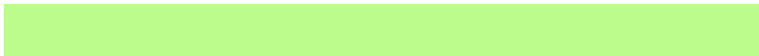
0, 98, 195

Complementary

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



204, 140, 252



140, 252, 204

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.



0, 115, 193



204, 140, 252



40, 172, 40

Square

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



204, 140, 252



255, 142, 89



77, 186, 156



0, 108, 246

Rectangle

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



204, 140, 252



255, 112, 162



77, 186, 156



0, 104, 195

Sweetspot

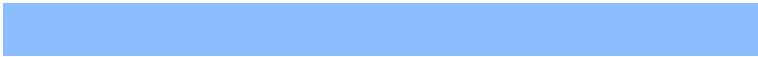
The Sweet Spot groups the original color and five complimentary colors.



204, 140, 252



241, 222, 255



140, 174, 252



119, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 140, 252



197, 120, 255



252, 140, 245



120, 112, 125



108, 0, 189



35, 0, 61

Inverse Universe

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



252, 140, 188



255, 120, 178



140, 245, 252



125, 112, 118



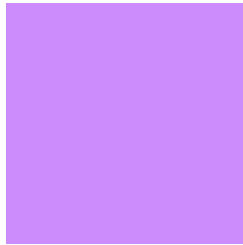
189, 0, 81



61, 0, 26

Previews

White Background



This preview shows how the RYB color 204, 140, 252 looks on a white background.

Color Contrast Check

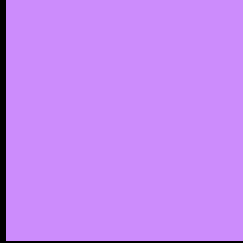
Large Text (above 18pt) WCAG AA × Fail

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 204, 140, 252 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 204, 140, 252 Background



This preview shows how black text looks on a background with the RYB color 204, 140, 252.

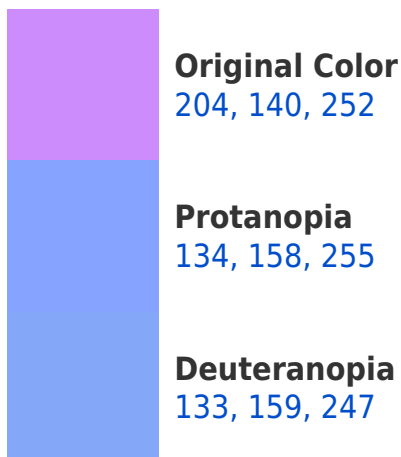



This preview shows how white text looks on a background with the RYB color 204, 140, 252.

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
191, 158, 171

Trichromacy



Original Color

204, 140, 252



Protanomaly

159, 155, 254



Deuteranomaly

159, 157, 249



Tritanomaly

196, 151, 200

Monochromacy



Original Color

204, 140, 252



Achromatopsia

172, 172, 172



Achromatomaly

184, 160, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 140, 252 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(204, 140, 252) looks like.

```
.text, #text, p{  
    color:rgb(204, 140, 252)  
}
```

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(204, 140, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 140, 252) }
```

Border

The CSS property to change the border of an element to RYB 204, 140, 252 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(204, 140, 252) }
```

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

```
.border{ border-color:rgb(204, 140, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 140, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 140, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 140, 252); box-shadow:4px 4px 4px 4px rgb(204, 140, 252) }
```

Background

The CSS property to change the background color of an element to RGB 204, 140, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 140, 252) }
```

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

```
.background{ background-color: rgb(204,  
140, 252) }
```

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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