

Converting Colors

RGB(226, 184, 253)

Have a look what the booklet for
RGB(226, 184, 253) contains.

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Color

RGB(226, 184, 253)

Conversions

Conversions Part 1

Format	Color
Hex	E2B8FD
RGB	226, 184, 253
RGB Percent	89%, 72%, 99%
CMY	0.1137, 0.2784, 0.0078
CMYK	0.11, 0.27, 0.00, 0.01
HSL	277°, 95%, 86%
HSV	277°, 27%, 99%
XYZ	66.2341, 57.5416, 100.5442
YIQ	204.4240, 2.8830, 30.3630

Conversions

Conversions Part 2

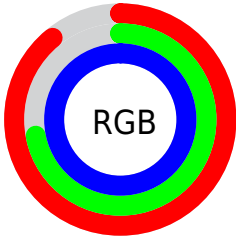
Format	Color
R _Y B	226, 184, 253
Decimal	14858493
CIE Lab	80.48, 27.41, -28.41
CIE LCh	80, 39.476, 313.976
Yxy	57.5416, 0.2953, 0.2565
Android (android.graphics.Color)	4293048573 (0xFFE2B8FD)
YUV	204.4240, 23.9480, 18.9222
Hunter-Lab	75.8562, 23.1098, -25.4871

Details

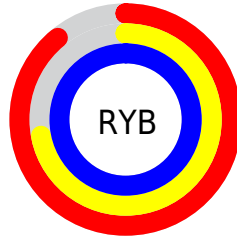
The RGB color **226, 184, 253** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **211, 253, 184**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 240, 255**, and **170, 131, 196** is the 20% darker color. If you saturate the color by 10%, you get **216, 159, 253**, and if you desaturate by 10%, it is **236, 209, 253**.

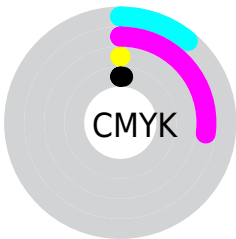
Distribution



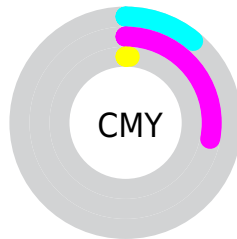
- Red (89%)
- Green (72%)
- Blue (99%)



- Red (89%)
- Yellow (72%)
- Blue (99%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 226, 184, 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 RGB color 226, 184, 253 by changing the saturation by 10% instead.


 226, 184, 253

255, 255, 255

 255, 240, 255

 226, 184, 253

 198, 157, 224


 170, 131, 196

 143, 105, 169

 117, 81, 142

 91, 57, 116

 67, 34, 92

 43, 12, 68

 26, 0, 45

 0, 1, 24

■ 226, 184, 253

■ 226, 184, 253

■ 216, 159, 253

■ 236, 209, 253

■ 206, 133, 253

■ 246, 235, 253

■ 196, 108, 253

255, 255, 253

■ 186, 83, 253

■ 177, 57, 253

■ 167, 32, 253

■ 157, 7, 253

■ 154, 0, 253

Harmonies

Analogous

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



175, 197, 255



226, 184, 253



255, 174, 221

Triad

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



226, 184, 253



242, 191, 129



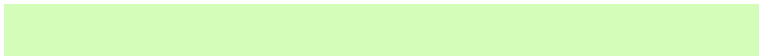
76, 220, 216

Complementary

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



226, 184, 253



211, 253, 184

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.



121, 218, 178



226, 184, 253



207, 203, 127

Square

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



226, 184, 253



255, 179, 150



166, 213, 145



66, 217, 250

Rectangle

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



226, 184, 253



255, 171, 196



166, 213, 145



90, 220, 204

Sweetspot

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



226, 184, 253



247, 235, 255



184, 212, 253



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 184, 253



222, 171, 255



253, 184, 246



123, 115, 128



116, 0, 191



39, 0, 64

Inverse Universe

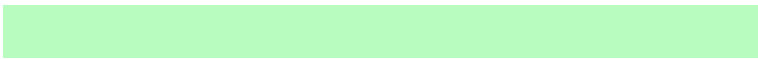
The Inverse Universe completely reimagines the original color for something new.



253, 184, 211



255, 171, 204



184, 253, 191



128, 115, 120



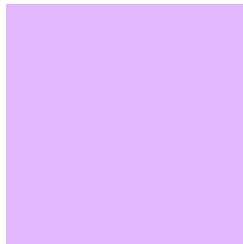
191, 0, 75



64, 0, 25

Previews

White Background



This preview shows how the RGB color 226, 184, 253 looks on a white background.

Color Contrast Check

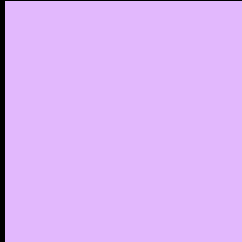
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 226, 184, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

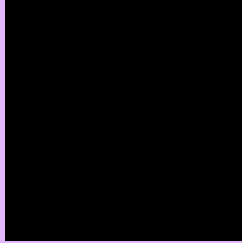
Any Text WCAG AA ✓ Pass

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](#).

RGB 226, 184, 253 Background



This preview shows how black text looks on a background with the RGB color 226, 184, 253.



This preview shows how white text looks on a background with the RGB color 226, 184, 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



Original Color
226, 184, 253

Protanopia
185, 198, 255

Deuteranopia
193, 196, 251



Tritanopia
219, 193, 208

Trichromacy



Original Color

226, 184, 253



Protanomaly

200, 193, 254



Deuteranomaly

205, 192, 252



Tritanomaly

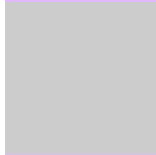
222, 190, 224

Monochromacy



Original Color

226, 184, 253



Achromatopsia

204, 204, 204



Achromatomaly

212, 197, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 184, 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(226, 184, 253)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 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(226, 184, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 253) }
```

Border

The CSS property to change the border of an element to RGB 226, 184, 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(226, 184, 253) }
```

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

```
.border{ border-color:rgb(226, 184, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 184, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 184, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 184, 253); box-shadow:4px 4px 4px 4px rgb(226, 184, 253) }
```

Background

The CSS property to change the background color of an element to RGB 226, 184, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 184, 253) }
```

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

```
.background{ background-color: rgb(226,  
184, 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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