

Converting Colors

RGB(223, 128, 244)

Have a look what the booklet for
RGB(223, 128, 244) contains.

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Color

RGB(223, 128, 244)

Conversions

Conversions Part 1

Format	Color
Hex	DF80F4
RGB	223, 128, 244
RGB Percent	87%, 50%, 96%
CMY	0.1255, 0.4980, 0.0431
CMYK	0.09, 0.48, 0.00, 0.04
HSL	289°, 84%, 73%
HSV	289°, 48%, 96%
XYZ	54.4797, 37.6580, 89.9853
YIQ	169.6290, 19.3840, 56.2160

Conversions

Conversions Part 2

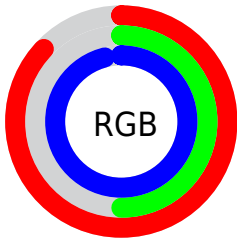
Format	Color
R _Y B	223, 128, 244
Decimal	14647540
CIE Lab	67.77, 54.27, -43.26
CIE LCh	68, 69.402, 321.441
Yxy	37.6580, 0.2991, 0.2068
Android (android.graphics.Color)	4292837620 (0xFFDF80F4)
YUV	169.6290, 36.6649, 46.8064
Hunter-Lab	61.3661, 51.0785, -43.9847

Details

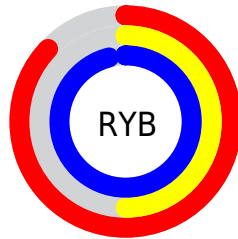
The RGB color **223, 128, 244** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **149, 244, 128**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 183, 255**, and **166, 74, 187** is the 20% darker color. If you saturate the color by 10%, you get **219, 104, 244**, and if you desaturate by 10%, it is **227, 152, 244**.

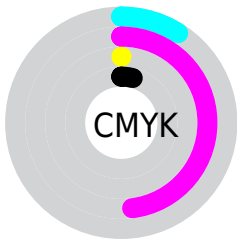
Distribution



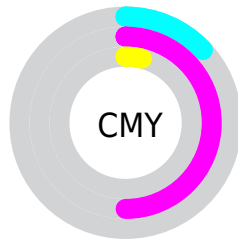
- Red (87%)
- Green (50%)
- Blue (96%)



- Red (87%)
- Yellow (50%)
- Blue (96%)



- Cyan (9%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (50%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 223, 128, 244 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 223, 128, 244 by changing the saturation by 10% instead.

 223, 128, 244


255, 255, 255

 255, 183, 255

 255, 212, 255


 255, 241, 255

 223, 128, 244

 194, 101, 215

 166, 74, 187


 138, 47, 160


 110, 15, 133

 84, 0, 108

 57, 0, 83


 34, 0, 59

 0, 1, 36


 0, 0, 12

 223, 128, 244

 223, 128, 244

 219, 104, 244


 227, 152, 244

 214, 79, 244


 232, 177, 244

 210, 55, 244

 236, 201, 244

 205, 30, 244

 241, 226, 244

 201, 6, 244

 245, 250, 244

 200, 0, 244

 250, 255, 244

 254, 255, 244

 255, 255, 244

Harmonies

Analogous

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



130, 156, 255



223, 128, 244



255, 106, 186

Triad

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



223, 128, 244



211, 156, 21



0, 194, 209

Complementary

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



223, 128, 244



149, 244, 128

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, 193, 144



223, 128, 244



153, 175, 29

Square

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



223, 128, 244



255, 130, 67



71, 187, 82



0, 190, 255

Rectangle

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



223, 128, 244



255, 103, 144



71, 187, 82



0, 195, 188

Sweetspot

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



223, 128, 244



249, 219, 255



128, 149, 244



124, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 128, 244



229, 110, 255



244, 128, 207



120, 110, 122



152, 0, 186



48, 0, 59

Inverse Universe

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



244, 128, 149



255, 110, 136



128, 244, 165



122, 110, 112



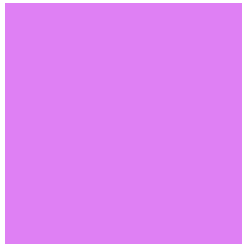
186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RGB color 223, 128, 244 looks on a white background.

Color Contrast Check

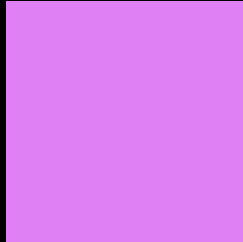
Large Text (above 18pt) WCAG AA × Fail

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 223, 128, 244 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 223, 128, 244 Background



This preview shows how black text looks on a background with the RGB color 223, 128, 244.

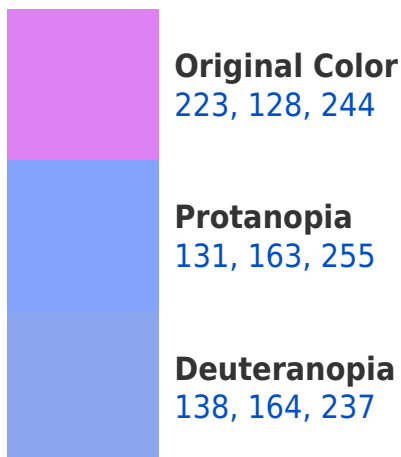


This preview shows how white text looks on a background with the RGB color 223, 128, 244.

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
211, 148, 159

Trichromacy



Original Color

223, 128, 244



Protanomaly

164, 150, 251



Deuteranomaly

169, 151, 240



Tritanomaly

215, 141, 190

Monochromacy



Original Color

223, 128, 244



Achromatopsia

170, 170, 170



Achromatomaly

189, 155, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 128, 244 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(223, 128, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 128, 244)  
}
```

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(223, 128, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 128, 244) }
```

Border

The CSS property to change the border of an element to RGB 223, 128, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

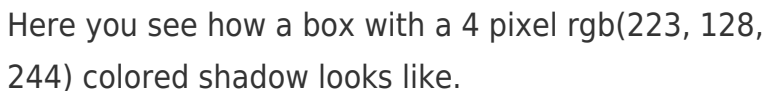
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 128, 244) }
```

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

```
.border{ border-color:rgb(223, 128, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 128, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 128, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 128, 244); box-shadow:4px 4px 4px 4px rgb(223, 128, 244) }
```

Background

The CSS property to change the background color of an element to RGB 223, 128, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 128, 244) }
```

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

```
.background{ background-color: rgb(223,  
128, 244) }
```

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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