

Converting Colors

RGB(220, 96, 251)

Have a look what the booklet for
RGB(220, 96, 251) contains.

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Color

RGB(220, 96, 251)

Conversions

Conversions Part 1

Format	Color
Hex	DC60FB
RGB	220, 96, 251
RGB Percent	86%, 38%, 98%
CMY	0.1373, 0.6235, 0.0157
CMYK	0.12, 0.62, 0.00, 0.02
HSL	288°, 95%, 68%
HSV	288°, 62%, 98%
XYZ	51.1107, 30.5464, 94.4690
YIQ	150.7460, 24.1490, 74.4930

Conversions

Conversions Part 2

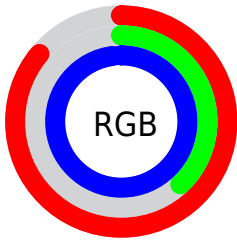
Format	Color
R _Y B	220, 96, 251
Decimal	14442747
CIE Lab	62.12, 69.86, -56.06
CIE LCh	62, 89.570, 321.254
Yxy	30.5464, 0.2902, 0.1734
Android (android.graphics.Color)	4292632827 (0xFFDC60FB)
YUV	150.7460, 49.4252, 60.7358
Hunter-Lab	55.2688, 68.3501, -62.6541

Details

The RGB color **220, 96, 251** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **127, 251, 96**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 153, 255**, and **161, 33, 194** is the 20% darker color. If you saturate the color by 10%, you get **215, 71, 251**, and if you desaturate by 10%, it is **225, 121, 251**.

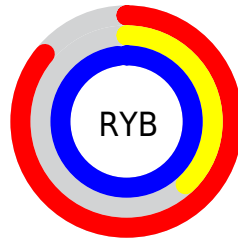
Distribution



Red (86%)

Green (38%)

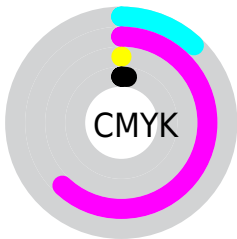
Blue (98%)



Red (86%)

Yellow (38%)

Blue (98%)

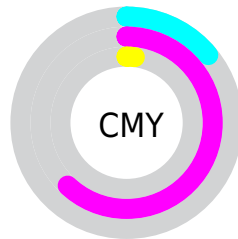


Cyan (12%)

Magenta (62%)

Yellow (0%)

Black (2%)



Cyan (14%)
















Magenta (62%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 96, 251 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 220, 96, 251 by changing the saturation by 10% instead.

 220, 96, 251	 220, 96, 251
255, 255, 255	 190, 67, 222
 255, 153, 255	 161, 33, 194
 255, 182, 255	 133, 0, 166
 255, 211, 255	 104, 0, 139
 255, 240, 255	 76, 0, 113
	 49, 0, 88
	 16, 0, 63
	 0, 3, 40
	 0, 1, 18

■ 220, 96, 251

■ 220, 96, 251

■ 215, 71, 251

■ 225, 121, 251

■ 210, 46, 251

■ 230, 146, 251

■ 205, 21, 251

■ 235, 171, 251

■ 201, 0, 251

■ 240, 196, 251

■ 245, 221, 251

■ 250, 247, 251

■ 255, 255, 251

Harmonies

Analogous

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



73, 140, 255



220, 96, 251



255, 44, 177

Triad

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



220, 96, 251



201, 139, 0



0, 184, 206

Complementary

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



220, 96, 251



127, 251, 96

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, 182, 123



220, 96, 251



128, 163, 0

Square

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



220, 96, 251



255, 100, 8



0, 176, 34



0, 180, 255

Rectangle

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



220, 96, 251



255, 37, 124



0, 176, 34



0, 184, 179

Sweetspot

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



220, 96, 251



245, 207, 255



96, 127, 251



122, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



220, 96, 251



217, 66, 255



251, 96, 205



122, 112, 125



151, 0, 189



49, 0, 61

Inverse Universe

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



251, 96, 127



255, 66, 104



96, 251, 143



125, 112, 115



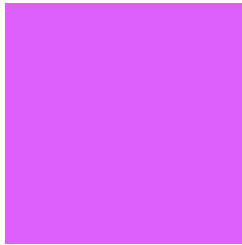
189, 0, 38



61, 0, 12

Previews

White Background



This preview shows how the RGB color 220, 96, 251 looks on a white background.

Color Contrast Check

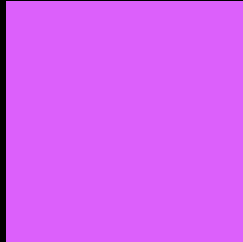
Large Text (above 18pt) WCAG AA × Fail

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 220, 96, 251 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 220, 96, 251 Background



This preview shows how black text looks on a background with the RGB color 220, 96, 251.

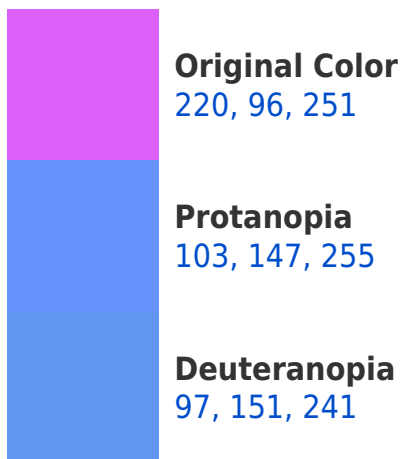


This preview shows how white text looks on a background with the RGB color 220, 96, 251.

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
204, 129, 138

Trichromacy



Original Color
220, 96, 251



Protanomaly
146, 128, 254



Deuteranomaly
142, 131, 245



Tritanomaly
210, 117, 179

Monochromacy



Original Color
220, 96, 251



Achromatopsia
151, 151, 151



Achromatomaly
176, 131, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 96, 251 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(220, 96, 251)` looks like.

```
.text, #text, p{  
    color:rgb(220, 96, 251)  
}
```

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(220, 96, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 96, 251) }
```

Border

The CSS property to change the border of an element to RGB 220, 96, 251 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(220, 96, 251) }
```

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

```
.border{ border-color:rgb(220, 96, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 96, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 96, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 96, 251);  
box-shadow:4px 4px 4px 4px rgb(220, 96,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 220, 96, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 96, 251) }
```

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

```
.background{ background-color: rgb(220, 96,  
251) }
```

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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