

Converting Colors

RGB(221, 70, 232)

Have a look what the booklet for
RGB(221, 70, 232) contains.

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Color

RGB(221, 70, 232)

Conversions

Conversions Part 1

Format	Color
Hex	DD46E8
RGB	221, 70, 232
RGB Percent	87%, 27%, 91%
CMY	0.1333, 0.7255, 0.0902
CMYK	0.05, 0.70, 0.00, 0.09
HSL	296°, 78%, 59%
HSV	296°, 70%, 91%
XYZ	46.5744, 25.5787, 78.8264
YIQ	133.6170, 37.9940, 82.3940

Conversions

Conversions Part 2

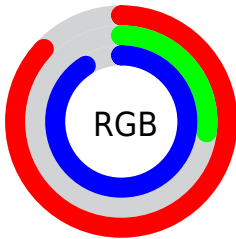
Format	Color
R_{YB}	221, 70, 232
Decimal	14501608
CIE _{Lab}	57.63, 76.80, -52.63
CIE _{LCh}	58, 93.100, 325.579
Yxy	25.5787, 0.3085, 0.1694
Android (android.graphics.Color)	4292691688 (0xFFDD46E8)
YUV	133.6170, 48.5028, 76.6349
Hunter-Lab	50.5754, 75.8724, -57.0062

Details

The RGB color **221, 70, 232** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **81, 232, 70**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 131, 255**, and **162, 0, 176** is the 20% darker color. If you saturate the color by 10%, you get **219, 47, 232**, and if you desaturate by 10%, it is **223, 93, 232**.

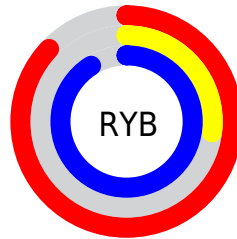
Distribution



Red (87%)

Green (27%)

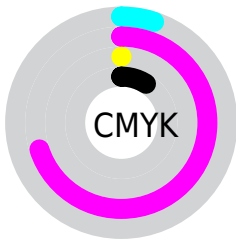
Blue (91%)



Red (87%)

Yellow (27%)

Blue (91%)

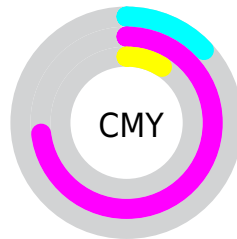


Cyan (5%)

Magenta (70%)

Yellow (0%)

Black (9%)



Cyan (13%)


















Magenta (73%)


Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the RGB color 221, 70, 232 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 221, 70, 232 by changing the saturation by 10% instead.

 221, 70, 232	 221, 70, 232
 255, 255, 255	 191, 33, 203
 255, 131, 255	 162, 0, 176
 255, 160, 255	 133, 0, 148
 255, 189, 255	 104, 0, 122
 255, 219, 255	 76, 0, 96
 255, 249, 255	 50, 0, 72
	 15, 0, 48
	 0, 1, 26
	 0, 0, 0

 221, 70, 232


 221, 70, 232


 219, 47, 232


 223, 93, 232


 218, 24, 232

 224, 116, 232

 216, 0, 232

 226, 140, 232

 216, 0, 232

 227, 163, 232

 229, 186, 232

 230, 209, 232

 232, 232, 232

 234, 255, 232

 235, 255, 232

Harmonies

Analogous

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



88, 122, 255



221, 70, 232



255, 0, 154

Triad

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



221, 70, 232



178, 131, 0



0, 172, 207

Complementary

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



221, 70, 232



81, 232, 70

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, 171, 124



221, 70, 232



100, 154, 0

Square

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



221, 70, 232



237, 92, 0



0, 166, 30



0, 168, 255

Rectangle

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



221, 70, 232



255, 0, 101



0, 166, 30



0, 172, 180

Sweetspot

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



221, 70, 232



251, 201, 255



70, 83, 232



125, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 70, 232



240, 41, 255



232, 70, 164



114, 103, 115



166, 0, 179



48, 0, 51

Inverse Universe

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



232, 70, 81



255, 41, 55



70, 232, 138



115, 103, 104



179, 0, 12



51, 0, 3

Previews

White Background



This preview shows how the RGB color 221, 70, 232 looks on a white background.

Color Contrast Check

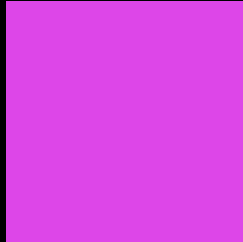
Large Text (above 18pt) WCAG AA ✓ Pass

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 221, 70, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

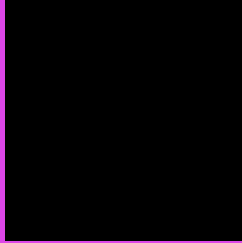
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 221, 70, 232 Background



This preview shows how black text looks on a background with the RGB color 221, 70, 232.

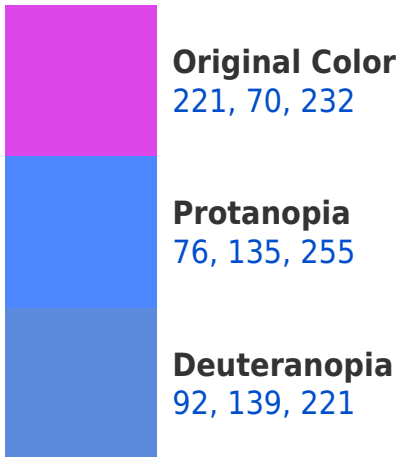



This preview shows how white text looks on a background with the RGB color 221, 70, 232.

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
207, 109, 116

Trichromacy



Original Color
221, 70, 232



Protanomaly
129, 111, 247



Deuteranomaly
139, 114, 225



Tritanomaly
212, 95, 158

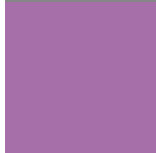
Monochromacy



Original Color
221, 70, 232



Achromatopsia
134, 134, 134



Achromatomaly
166, 111, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 70, 232 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(221, 70, 232)` looks like.

```
.text, #text, p{  
    color:rgb(221, 70, 232)  
}
```

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(221, 70, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 70, 232) }
```

Border

The CSS property to change the border of an element to RGB 221, 70, 232 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(221, 70, 232) }
```

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

```
.border{ border-color:rgb(221, 70, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 70, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 70, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 70, 232);  
box-shadow:4px 4px 4px 4px rgb(221, 70,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 221, 70, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 70, 232) }
```

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

```
.background{ background-color: rgb(221, 70,  
232) }
```

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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