

Converting Colors

RGB(220, 146, 200)

Have a look what the booklet for
RGB(220, 146, 200) contains.

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Color

RGB(220, 146, 200)

Conversions

Conversions Part 1

Format	Color
Hex	DC92C8
RGB	220, 146, 200
RGB Percent	86%, 57%, 78%
CMY	0.1373, 0.4275, 0.2157
CMYK	0.00, 0.34, 0.09, 0.14
HSL	316°, 51%, 72%
HSV	316°, 34%, 86%
XYZ	50.2194, 39.9435, 59.7066
YIQ	174.2820, 26.7700, 32.4820

Conversions

Conversions Part 2

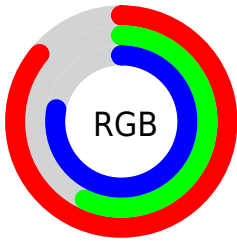
Format	Color
R _Y B	220, 146, 200
Decimal	14455496
CIE Lab	69.43, 35.99, -16.41
CIE LCh	69, 39.552, 335.489
Yxy	39.9435, 0.3351, 0.2665
Android (android.graphics.Color)	4292645576 (0xFFDC92C8)
YUV	174.2820, 12.6790, 40.0947
Hunter-Lab	63.2009, 31.2344, -11.7713

Details

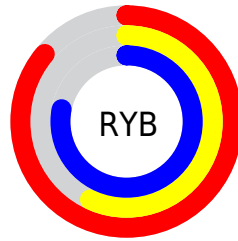
The RGB color `220, 146, 200` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `146, 220, 166`, and the grayscale version is `174, 174, 174`.

A 20% lighter version of the original color is `255, 201, 255`, and `164, 94, 146` is the 20% darker color. If you saturate the color by 10%, you get `220, 124, 194`, and if you desaturate by 10%, it is `220, 168, 206`.

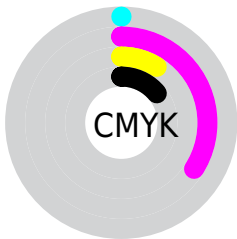
Distribution



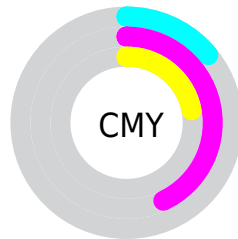
- Red (86%)
- Green (57%)
- Blue (78%)



- Red (86%)
- Yellow (57%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (14%)





- Cyan (14%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 220, 146, 200 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, 146, 200 by changing the saturation by 10% instead.

 220, 146, 200

 220, 146, 200

255, 255, 255


 192, 120, 173

 255, 201, 255

 164, 94, 146

 255, 229, 255

 137, 69, 120

 110, 45, 95


 85, 19, 72

 60, 0, 49

 40, 0, 28

 0, 0, 0

 220, 146, 200

 220, 146, 200

■ 220, 124, 194

■ 220, 168, 206

■ 220, 102, 188

■ 220, 190, 212

■ 220, 80, 182

■ 220, 212, 218

■ 220, 58, 176

■ 220, 234, 224

■ 220, 36, 170

■ 220, 255, 230

■ 220, 14, 164

■ 220, 255, 236

■ 220, 0, 161

■ 220, 255, 242

■ 220, 255, 248

■ 220, 255, 254

Harmonies

Analogous

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



182, 158, 228



220, 146, 200



238, 141, 164

Triad

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



220, 146, 200



186, 170, 97



0, 187, 210

Complementary

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



220, 146, 200



146, 220, 166

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.



47, 189, 175



220, 146, 200



148, 180, 110

Square

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



220, 146, 200



217, 157, 105



104, 186, 139



57, 181, 234

Rectangle

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



220, 146, 200



239, 143, 141



104, 186, 139



0, 188, 199

Sweetspot

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



220, 146, 200



255, 230, 248



166, 146, 220



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



220, 146, 200



255, 153, 227



220, 146, 163



110, 99, 107



173, 0, 127



46, 0, 33

Inverse Universe

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



220, 146, 200



255, 153, 227



146, 220, 203



110, 99, 107



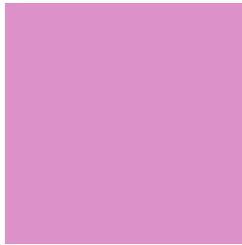
173, 0, 127



46, 0, 33

Previews

White Background



This preview shows how the RGB color 220, 146, 200 looks on a white background.

Color Contrast Check

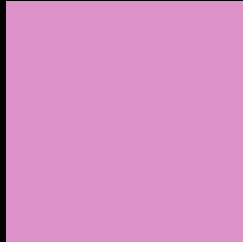
Large Text (above 18pt) WCAG AA × Fail

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, 146, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

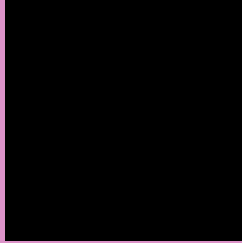
Any Text WCAG AA ✓ Pass

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, 146, 200 Background



This preview shows how black text looks on a background with the RGB color 220, 146, 200.



This preview shows how white text looks on a background with the RGB color 220, 146, 200.

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
220, 146, 200

Protanopia
158, 168, 215

Deuteranopia
174, 166, 196



Tritanopia
216, 153, 164

Trichromacy



Original Color

220, 146, 200



Protanomaly

181, 160, 210



Deuteranomaly

191, 159, 197



Tritanomaly

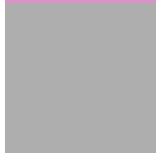
217, 150, 177

Monochromacy



Original Color

220, 146, 200



Achromatopsia

174, 174, 174



Achromatomaly

191, 164, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 146, 200 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, 146, 200)` looks like.

```
.text, #text, p{  
    color:rgb(220, 146, 200)  
}
```

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, 146, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 146, 200) }
```

Border

The CSS property to change the border of an element to RGB 220, 146, 200 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, 146, 200) }
```

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

```
.border{ border-color:rgb(220, 146, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 146, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 146, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 146, 200);  
box-shadow:4px 4px 4px 4px rgb(220, 146,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 220, 146, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 146, 200) }
```

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

```
.background{ background-color: rgb(220,  
146, 200) }
```

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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