

Converting Colors

`RYB(220, 152, 242)`

Have a look what the booklet for RYB(220, 152, 242) contains.

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Color

R_YB(220, 152, 242)

Conversions

Conversions Part 1

Format	Color
Hex	DC98F2
RGB	220, 152, 242
RGB Percent	86%, 60%, 95%
CMY	0.1373, 0.4039, 0.0510
CMYK	0.09, 0.37, 0.00, 0.05
HSL	285°, 78%, 77%
HSV	285°, 37%, 95%
XYZ	56.7704, 44.0829, 89.5211
YIQ	182.5920, 11.6380, 42.4060

Conversions

Conversions Part 2

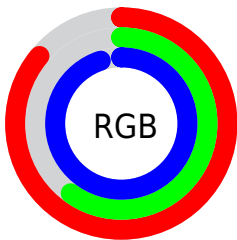
Format	Color
R _Y B	220, 152, 242
Decimal	14457074
CIE Lab	72.28, 40.55, -35.15
CIE LCh	72, 53.661, 319.077
Yxy	44.0829, 0.2982, 0.2316
Android (android.graphics.Color)	4292647154 (0xFFDC98F2)
YUV	182.5920, 29.2881, 32.8068
Hunter-Lab	66.3950, 36.4337, -33.4649

Details

The RYB color **220, 152, 242** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **152, 242, 220**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 207, 255**, and **164, 100, 186** is the 20% darker color. If you saturate the color by 10%, you get **214, 128, 242**, and if you desaturate by 10%, it is **226, 176, 242**.

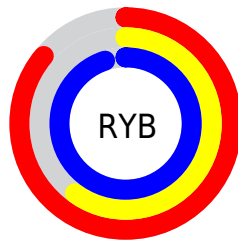
Distribution



Red (86%)

Green (60%)

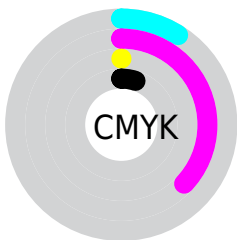
Blue (95%)



Red (86%)

Yellow (60%)

Blue (95%)

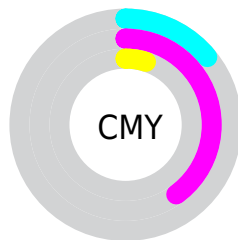


Cyan (9%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (40%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 152, 242 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 RYB color 220, 152, 242 by changing the saturation by 10% instead.


 220, 152, 242


255, 255, 255


 255, 207, 255

 255, 236, 255

 220, 152, 242

 191, 125, 213

 164, 100, 186

 136, 74, 158

 110, 50, 132


 84, 24, 106


 59, 0, 82


 36, 0, 58

 0, 0, 36


 0, 0, 11

 220, 152, 242


 220, 152, 242

 214, 128, 242


 226, 176, 242

 208, 104, 242


 232, 200, 242

 202, 79, 242

 238, 225, 242

 196, 55, 242

 242, 249, 247

 190, 31, 242

 242, 255, 247

 185, 7, 242

 242, 255, 242

 183, 0, 242

Harmonies

Analogous

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



151, 168, 255



220, 152, 242



255, 137, 197

Triad

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



220, 152, 242



162, 221, 78



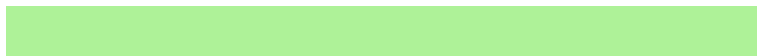
0, 102, 208

Complementary

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



220, 152, 242



152, 242, 220

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, 113, 201



220, 152, 242



80, 184, 89

Square

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



220, 152, 242



255, 169, 105



111, 195, 188



0, 110, 250

Rectangle

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



220, 152, 242



255, 135, 164



111, 195, 188



0, 104, 202

Sweetspot

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



220, 152, 242



248, 227, 255



152, 170, 242



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



220, 152, 242



227, 140, 255



242, 152, 219



117, 108, 120



139, 0, 184



42, 0, 56

Inverse Universe

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



242, 152, 174



255, 140, 168



152, 224, 242



120, 108, 111



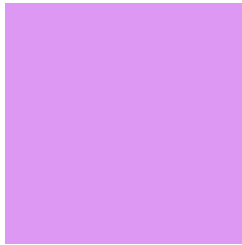
184, 0, 45



56, 0, 14

Previews

White Background



This preview shows how the RYB color 220, 152, 242 looks on a white background.

Color Contrast Check

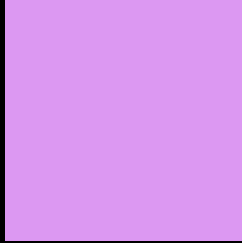
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 220, 152, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

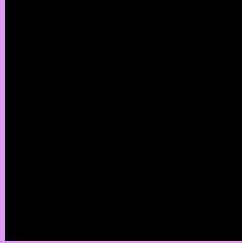
Any Text WCAG AA ✓ Pass

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](#).

RYB 220, 152, 242 Background



This preview shows how black text looks on a background with the RYB color 220, 152, 242.

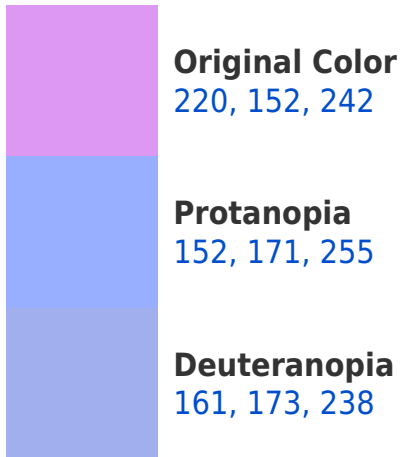



This preview shows how white text looks on a background with the RYB color 220, 152, 242.

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, 165, 178

Trichromacy



Original Color

220, 152, 242



Protanomaly

177, 167, 250



Deuteranomaly

182, 167, 239



Tritanomaly

214, 160, 201

Monochromacy



Original Color

220, 152, 242



Achromatopsia

183, 183, 183



Achromatomaly

196, 172, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 152, 242 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, 152, 242) looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 242)  
}
```

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, 152, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 242) }
```

Border

The CSS property to change the border of an element to RYB 220, 152, 242 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, 152, 242) }
```

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

```
.border{ border-color:rgb(220, 152, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 152, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 152, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 152, 242); box-shadow:4px 4px 4px 4px rgb(220, 152, 242) }
```

Background

The CSS property to change the background color of an element to RYB 220, 152, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 242) }
```

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

```
.background{ background-color: rgb(220,  
152, 242) }
```

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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