

Converting Colors

RGB(223, 152, 244)

Have a look what the booklet for
RGB(223, 152, 244) contains.

RGB(223, 152, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(223, 152, 244)

Conversions

Conversions Part 1

Format	Color
Hex	DF98F4
RGB	223, 152, 244
RGB Percent	87%, 60%, 96%
CMY	0.1255, 0.4039, 0.0431
CMYK	0.09, 0.38, 0.00, 0.04
HSL	286°, 81%, 78%
HSV	286°, 38%, 96%
XYZ	57.9888, 44.6761, 91.1550
YIQ	183.7170, 12.7840, 43.6640

Conversions

Conversions Part 2

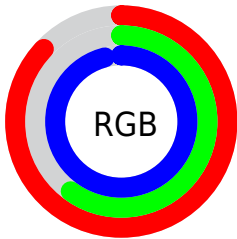
Format	Color
R _Y B	223, 152, 244
Decimal	14653684
CIE Lab	72.68, 41.84, -35.60
CIE LCh	73, 54.936, 319.603
Yxy	44.6761, 0.2992, 0.2305
Android (android.graphics.Color)	4292843764 (0xFFDF98F4)
YUV	183.7170, 29.7195, 34.4512
Hunter-Lab	66.8402, 37.8916, -34.0701

Details

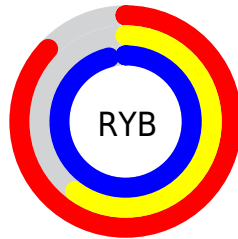
The RGB color **223, 152, 244** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **173, 244, 152**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 207, 255**, and **166, 99, 187** is the 20% darker color. If you saturate the color by 10%, you get **217, 128, 244**, and if you desaturate by 10%, it is **229, 176, 244**.

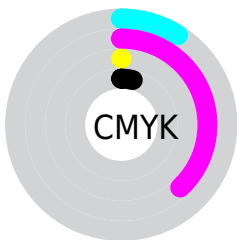
Distribution



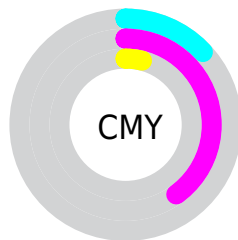
- Red (87%)
- Green (60%)
- Blue (96%)



- Red (87%)
- Yellow (60%)
- Blue (96%)



- Cyan (9%)
- Magenta (38%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 152, 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, 152, 244 by changing the saturation by 10% instead.


 223, 152, 244

255, 255, 255

 255, 207, 255

 255, 236, 255

 223, 152, 244

 194, 125, 215

 166, 99, 187

 139, 74, 160

 112, 49, 134

 86, 23, 108

 61, 0, 83

 38, 0, 60

 0, 0, 37


 0, 1, 14

 223, 152, 244


 223, 152, 244

 217, 128, 244


 229, 176, 244

 212, 103, 244


 234, 201, 244


 206, 79, 244

 240, 225, 244

 201, 54, 244

 245, 250, 244

 195, 30, 244

 251, 255, 244

 190, 6, 244

 255, 255, 244

 188, 0, 244

Harmonies

Analogous

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



153, 172, 255



223, 152, 244



255, 137, 198

Triad

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



223, 152, 244



222, 169, 77



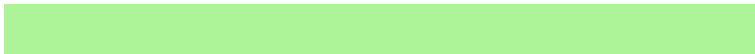
0, 204, 210

Complementary

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



223, 152, 244



173, 244, 152

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, 203, 159



223, 152, 244



175, 186, 79

Square

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



223, 152, 244



255, 151, 103



116, 197, 111



0, 199, 254

Rectangle

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



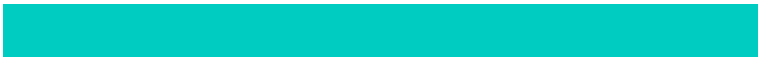
223, 152, 244



255, 135, 164



116, 197, 111



0, 204, 193

Sweetspot

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



223, 152, 244



249, 227, 255



152, 173, 244



124, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 152, 244



229, 140, 255



244, 152, 219



120, 110, 122



144, 0, 186



45, 0, 59

Inverse Universe

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



244, 152, 173



255, 140, 166



152, 244, 177



122, 110, 113



186, 0, 42



59, 0, 13

Previews

White Background



This preview shows how the RGB color 223, 152, 244 looks on a white background.

Color Contrast Check

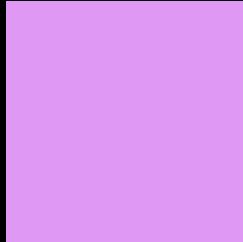
Large Text (above 18pt) WCAG AA × Fail

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, 152, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

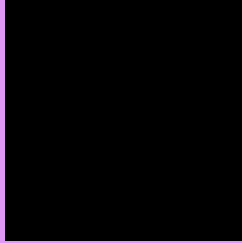
Any Text WCAG AA ✓ Pass

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, 152, 244 Background



This preview shows how black text looks on a background with the RGB color 223, 152, 244.

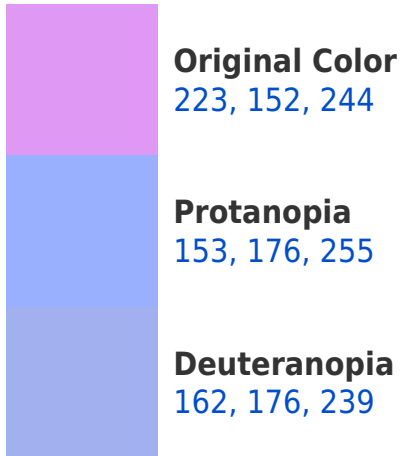


This preview shows how white text looks on a background with the RGB color 223, 152, 244.

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
213, 166, 179

Trichromacy



Original Color

223, 152, 244



Protanomaly

178, 167, 251



Deuteranomaly

184, 167, 241



Tritanomaly

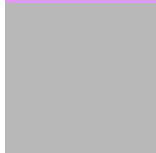
217, 161, 203

Monochromacy



Original Color

223, 152, 244



Achromatopsia

184, 184, 184



Achromatomaly

198, 172, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 152, 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, 152, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 152, 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, 152, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 152, 244) }
```

Border

The CSS property to change the border of an element to RGB 223, 152, 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, 152, 244) }
```

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

```
.border{ border-color:rgb(223, 152, 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, 152, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 152, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 152, 244);  
box-shadow:4px 4px 4px 4px rgb(223, 152,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 223, 152, 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, 152, 244) }
```

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

```
.background{ background-color: rgb(223,  
152, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor