

Converting Colors

`RYB(186, 142, 223)`

Have a look what the booklet for
RYB(186, 142, 223) contains.

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Color

R_YB(186, 142, 223)

Conversions

Conversions Part 1

Format	Color
Hex	BA8EDF
RGB	186, 142, 223
RGB Percent	73%, 56%, 87%
CMY	0.2706, 0.4431, 0.1255
CMYK	0.17, 0.36, 0.00, 0.13
HSL	273°, 56%, 72%
HSV	273°, 36%, 87%
XYZ	43.2420, 35.1128, 74.3104
YIQ	164.3900, 0.2230, 34.5190

Conversions

Conversions Part 2

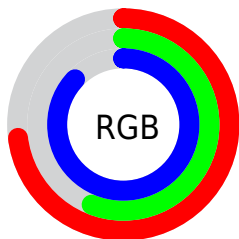
Format	Color
RYB	186, 142, 223
Decimal	12226271
CIELab	65.84, 31.81, -34.99
CIELCh	66, 47.289, 312.277
Yxy	35.1128, 0.2832, 0.2300
Android (android.graphics.Color)	4290416351 (0xFFBA8EDF)
YUV	164.3900, 28.8947, 18.9520
Hunter-Lab	59.2561, 26.5619, -32.8737

Details

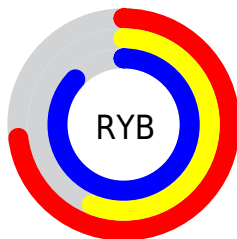
The RYB color **186, 142, 223** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **142, 223, 186**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **243, 196, 255**, and **131, 91, 167** is the 20% darker color. If you saturate the color by 10%, you get **176, 120, 223**, and if you desaturate by 10%, it is **196, 164, 223**.

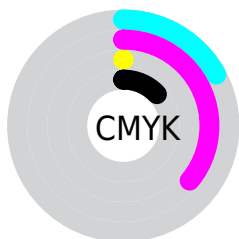
Distribution



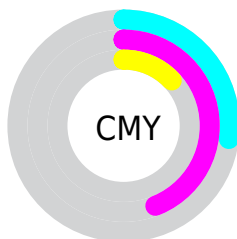
- Red (73%)
- Green (56%)
- Blue (87%)



- Red (73%)
- Yellow (56%)
- Blue (87%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 142, 223 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 186, 142, 223 by changing the saturation by 10% instead.


 186, 142, 223

255, 255, 255


 243, 196, 255

 255, 224, 255

 255, 253, 255

 186, 142, 223

 158, 116, 195

 131, 91, 167

 105, 67, 141

 80, 43, 115

 55, 21, 90

 30, 0, 66


 0, 0, 43

 0, 1, 22


 0, 0, 0

 186, 142, 223


 186, 142, 223

 176, 120, 223


 196, 164, 223

 166, 97, 223


 206, 187, 223

 155, 75, 223

 217, 209, 223

 145, 53, 223


 223, 231, 227

 135, 30, 223

 223, 254, 240

 125, 8, 223

 223, 255, 231

 121, 0, 223

 223, 255, 223

Harmonies

Analogous

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



121, 149, 243



186, 142, 223



225, 128, 187

Triad

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



186, 142, 223



181, 206, 78



0, 92, 182

Complementary

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



186, 142, 223



142, 223, 186

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.



56, 132, 180



186, 142, 223



79, 168, 74

Square

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



186, 142, 223



232, 143, 105



95, 174, 147



0, 98, 216

Rectangle

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



186, 142, 223



238, 124, 158



95, 174, 147



0, 96, 182

Sweetspot

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



186, 142, 223



242, 227, 255



142, 168, 223



120, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 142, 223



204, 143, 255



223, 142, 220



107, 101, 112



96, 0, 176



26, 0, 48

Inverse Universe

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



223, 142, 179



255, 143, 194



142, 220, 223



112, 101, 106



176, 0, 80



48, 0, 22

Previews

White Background



This preview shows how the RYB color 186, 142, 223 looks on a white background.

Color Contrast Check

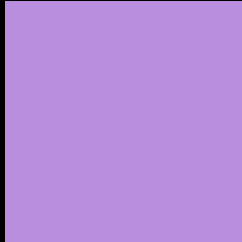
Large Text (above 18pt) WCAG AA × Fail

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 186, 142, 223 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 186, 142, 223 Background



This preview shows how black text looks on a background with the RYB color 186, 142, 223.

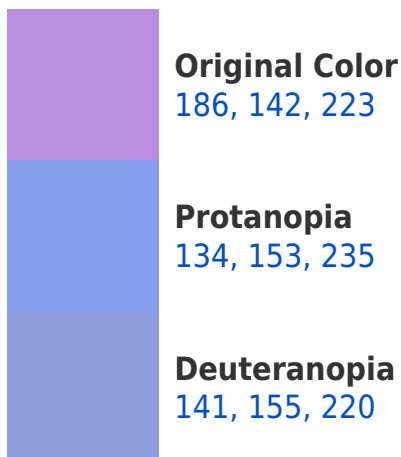


This preview shows how white text looks on a background with the RYB color 186, 142, 223.

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
177, 154, 166

Trichromacy



Original Color
186, 142, 223

Protanomaly
153, 152, 231

Deuteranomaly
157, 152, 221

Tritanomaly
180, 150, 187

Monochromacy



Original Color
186, 142, 223

Achromatopsia
164, 164, 164

Achromatomaly
172, 156, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 142, 223 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(186, 142, 223)` looks like.

```
.text, #text, p{  
    color:rgb(186, 142, 223)  
}
```

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(186, 142, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 142, 223) }
```

Border

The CSS property to change the border of an element to RYB 186, 142, 223 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(186, 142, 223) }
```

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

```
.border{ border-color:rgb(186, 142, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 142, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 142, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 142, 223);  
box-shadow:4px 4px 4px 4px rgb(186, 142,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 186, 142, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 142, 223) }
```

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

```
.background{ background-color: rgb(186,  
142, 223) }
```

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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