

Converting Colors

`RYB(183, 128, 151)`

Have a look what the booklet for
RYB(183, 128, 151) contains.

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Color

`RYB(183, 128, 151)`

Conversions

Conversions Part 1

Format	Color
Hex	B78097
RGB	183, 128, 151
RGB Percent	72%, 50%, 59%
CMY	0.2824, 0.4980, 0.4078
CMYK	0.00, 0.30, 0.17, 0.28
HSL	335°, 28%, 61%
HSV	335°, 30%, 72%
XYZ	32.8335, 27.7400, 32.9020
YIQ	147.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

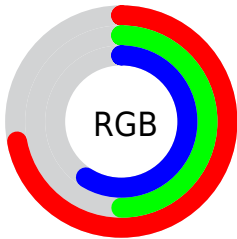
Format	Color
RYB	183, 128, 151
Decimal	12026007
CIELab	59.65, 24.74, -3.77
CIELCh	60, 25.025, 351.328
Yxy	27.7400, 0.3513, 0.2968
Android (android.graphics.Color)	4290216087 (0xFFB78097)
YUV	147.0670, 1.9390, 31.5132
Hunter-Lab	52.6688, 19.1059, -0.1701

Details

The RYB color **183, 128, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **128, 163, 183**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **240, 181, 205**, and **129, 78, 100** is the 20% darker color. If you saturate the color by 10%, you get **183, 110, 140**, and if you desaturate by 10%, it is **183, 146, 162**.

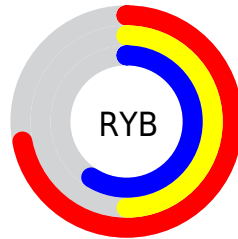
Distribution



Red (72%)

Green (50%)

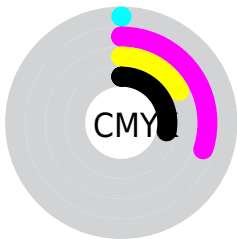
Blue (59%)



Red (72%)

Yellow (50%)

Blue (59%)

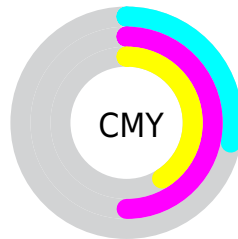


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the RYB color 183, 128, 151 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 183, 128, 151 by changing the saturation by 10% instead.

 183, 128, 151


255, 255, 255

 240, 181, 205

 255, 209, 233

 255, 238, 255

 183, 128, 151

 156, 103, 125

 129, 78, 100

 103, 54, 76

 78, 32, 54

 54, 9, 32

 36, 0, 9

 0, 0, 0

 183, 128, 151


 183, 110, 140


 183, 128, 151


 183, 146, 162

 183, 91, 130

 183, 165, 172

 183, 73, 119

 183, 183, 183

 183, 55, 108

 183, 194, 201

 183, 36, 98

 183, 206, 219

 183, 18, 87

 183, 218, 238

 183, 0, 77

 183, 228, 255

 183, 224, 255

 183, 221, 255

Harmonies

Analogous

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



166, 133, 171



183, 128, 151



188, 128, 129

Triad

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



183, 128, 151



102, 147, 106



81, 122, 177

Complementary

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



183, 128, 151



128, 163, 183

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.



76, 117, 159



183, 128, 151



116, 153, 151

Square

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



183, 128, 151



141, 165, 100



93, 130, 156



106, 134, 187

Rectangle

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



183, 128, 151



185, 135, 116



93, 130, 156



76, 119, 172

Sweetspot

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



183, 128, 151



237, 216, 225



159, 128, 183



120, 107, 112



247, 247, 247



120, 120, 120

Same Dimension

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



183, 128, 151



237, 152, 187



183, 132, 128



92, 83, 86



156, 0, 65



28, 0, 12

Inverse Universe

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



183, 128, 151



237, 152, 187



128, 154, 183



92, 83, 86



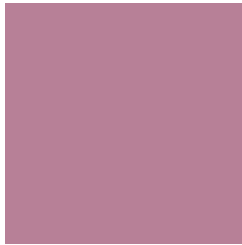
156, 0, 65



28, 0, 12

Previews

White Background



This preview shows how the RYB color 183, 128, 151 looks on a white background.

Color Contrast Check

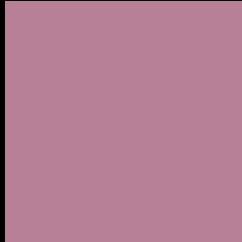
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 183, 128, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

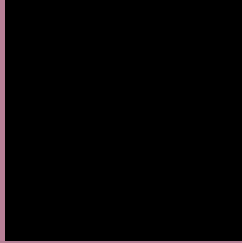
Any Text WCAG AA ✓ Pass

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](#).

RYP 183, 128, 151 Background



This preview shows how black text looks on a background with the RYB color 183, 128, 151.

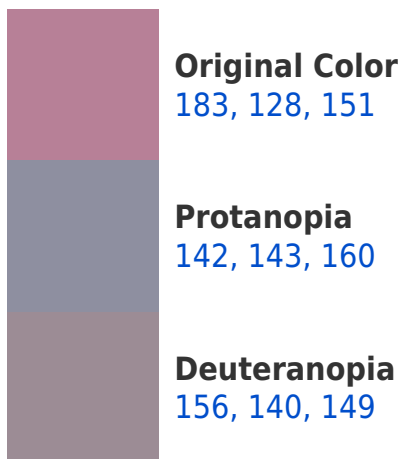


This preview shows how white text looks on a background with the RYB color 183, 128, 151.

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

182, 130, 140

Trichromacy



Original Color
183, 128, 151

Protanomaly
157, 138, 157

Deuteranomaly
166, 136, 150

Tritanomaly
182, 129, 144

Monochromacy



Original Color
183, 128, 151

Achromatopsia
147, 147, 147

Achromatomaly
160, 140, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 128, 151 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(183, 128, 151) looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 151)  
}
```

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(183, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 151) }
```

Border

The CSS property to change the border of an element to RYB 183, 128, 151 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(183, 128, 151) }
```

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

```
.border{ border-color:rgb(183, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 151);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 183, 128, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 151) }
```

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

```
.background{ background-color: rgb(183,  
128, 151) }
```

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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