

Converting Colors

`RYB(218, 23, 132)`

Have a look what the booklet for
RYB(218, 23, 132) contains.

RYB(218, 23, 132)	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

R_YB(218, 23, 132)

Conversions

Conversions Part 1

Format	Color
Hex	DA1784
RGB	218, 23, 132
RGB Percent	85%, 9%, 52%
CMY	0.1451, 0.9098, 0.4824
CMYK	0.00, 0.89, 0.39, 0.15
HSL	326°, 81%, 47%
HSV	326°, 89%, 85%
XYZ	33.3847, 17.1842, 23.3871
YIQ	93.7310, 81.2310, 75.2390

Conversions

Conversions Part 2

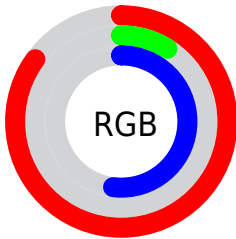
Format	Color
R_{YB}	218, 23, 132
Decimal	14292868
CIE _{Lab}	48.49, 74.80, -8.58
CIE _{LCh}	48, 75.293, 353.454
Yxy	17.1842, 0.4514, 0.2324
Android (android.graphics.Color)	4292482948 (0xFFDA1784)
YUV	93.7310, 18.8666, 108.9839
Hunter-Lab	41.4538, 71.2104, -4.4322

Details

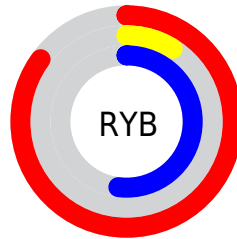
The RYB color **218, 23, 132** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **23, 158, 218**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **255, 98, 185**, and **157, 0, 83** is the 20% darker color. If you saturate the color by 10%, you get **218, 1, 122**, and if you desaturate by 10%, it is **218, 45, 142**.

Distribution



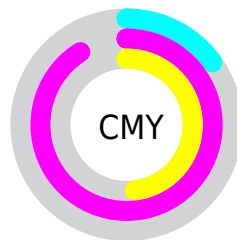
- Red (85%)
- Green (9%)
- Blue (52%)



- Red (85%)
- Yellow (9%)
- Blue (52%)



- Cyan (0%)
- Magenta (89%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (91%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 23, 132 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 218, 23, 132 by changing the saturation by 10% instead.



218, 23, 132



218, 23, 132

255, 255, 255



187, 0, 107



255, 98, 185



157, 0, 83



255, 128, 213



127, 0, 60



255, 158, 241



98, 0, 38



255, 188, 255



70, 0, 17



255, 218, 255



39, 0, 1



255, 248, 255



0, 0, 0



218, 23, 132



218, 23, 132



218, 1, 122



218, 45, 142

■ 218, 0, 122

■ 218, 67, 151

■ 218, 88, 161

■ 218, 110, 170

■ 218, 132, 180

■ 218, 154, 190

■ 218, 176, 199

■ 218, 197, 209

■ 218, 219, 219

Harmonies

Analogous

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



176, 68, 192



218, 23, 132



222, 36, 69

Triad

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



218, 23, 132



0, 126, 34



0, 85, 218

Complementary

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



218, 23, 132



23, 158, 218

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, 76, 164



218, 23, 132



0, 114, 137

Square

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



218, 23, 132



62, 152, 0



0, 83, 141



0, 84, 243

Rectangle

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



218, 23, 132



208, 75, 27



0, 83, 141



0, 83, 202

Sweetspot

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



218, 23, 132



255, 186, 225



108, 23, 218



128, 87, 110



0, 0, 0



128, 128, 128

Same Dimension

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



218, 23, 132



255, 0, 143



218, 23, 36



110, 99, 105



173, 0, 97



46, 0, 26

Inverse Universe

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



218, 23, 132



255, 0, 143



23, 124, 218



110, 99, 105



173, 0, 97



46, 0, 26

Previews

White Background



This preview shows how the RYB color 218, 23, 132 looks on a white 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

Black Background



This preview shows how the RYB color 218, 23, 132 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 218, 23, 132 Background



This preview shows how black text looks on a background with the RYB color 218, 23, 132.

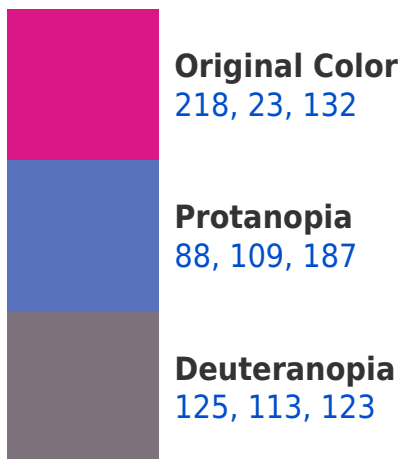


This preview shows how white text looks on a background with the RYB color 218, 23, 132.

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
214, 55, 57

Trichromacy



Original Color

218, 23, 132



Protanomaly

135, 81, 167



Deuteranomaly

159, 80, 126



Tritanomaly

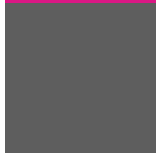
215, 43, 84

Monochromacy



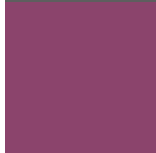
Original Color

218, 23, 132



Achromatopsia

94, 94, 94



Achromatomaly

139, 68, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 23, 132 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(218, 23, 132)` looks like.

```
.text, #text, p{  
    color:rgb(218, 23, 132)  
}
```

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(218, 23, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 23, 132) }
```

Border

The CSS property to change the border of an element to RYB 218, 23, 132 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(218, 23, 132) }
```

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

```
.border{ border-color:rgb(218, 23, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 23, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 23, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 23, 132); box-shadow:4px 4px 4px 4px rgb(218, 23, 132) }
```

Background

The CSS property to change the background color of an element to RGB 218, 23, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 23, 132) }
```

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

```
.background{ background-color: rgb(218, 23,  
132) }
```

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