

# Converting Colors

RGB(148, 132, 215)

Have a look what the booklet for  
RGB(148, 132, 215) contains.

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# **Color**

**RGB(148, 132, 215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9484D7
RGB	148, 132, 215
RGB Percent	58%, 52%, 84%
CMY	0.4196, 0.4824, 0.1569
CMYK	0.31, 0.39, 0.00, 0.16
HSL	252°, 51%, 68%
HSV	252°, 39%, 84%
XYZ	32.7297, 27.7047, 67.9125
YIQ	146.2460, -17.1070, 29.2050

# Conversions

## Conversions Part 2

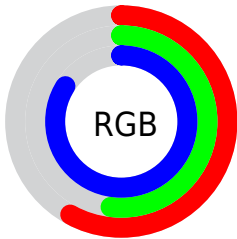
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 132, 215
Decimal	9733335
CIE <sub>Lab</sub>	59.62, 24.51, -40.50
CIE <sub>LCh</sub>	60, 47.337, 301.179
Yxy	27.7047, 0.2550, 0.2159
Android (android.graphics.Color)	4287923415 (0xFF9484D7)
YUV	146.2460, 33.8957, 1.5383
Hunter-Lab	52.6353, 18.8834, -39.6540

# Details

The RGB color `148, 132, 215` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `199, 215, 132`, and the grayscale version is `146, 146, 146`.

A 20% lighter version of the original color is `204, 185, 255`, and `94, 82, 160` is the 20% darker color. If you saturate the color by 10%, you get `131, 111, 215`, and if you desaturate by 10%, it is `165, 154, 215`.

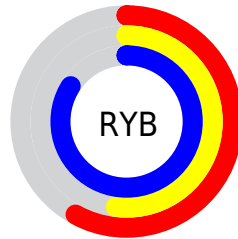
# Distribution



Red (58%)

Green (52%)

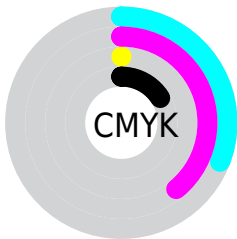
Blue (84%)



Red (58%)

Yellow (52%)

Blue (84%)

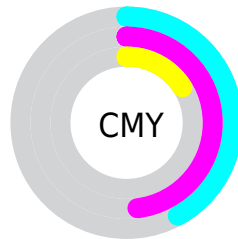


Cyan (31%)

Magenta (39%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (48%)

Yellow (16%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 148, 132, 215 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 148, 132, 215 by changing the saturation by 10% instead.




 148, 132, 215


255, 255, 255

 204, 185, 255

 233, 213, 255

 255, 241, 255

 148, 132, 215

 121, 107, 187

 94, 82, 160

 68, 59, 133

 42, 37, 108

 9, 17, 83

 0, 0, 59


 0, 2, 37

 0, 1, 13

 0, 0, 0

 148, 132, 215

 148, 132, 215


 131, 111, 215

 165, 154, 215

 113, 89, 215

 183, 175, 215

 96, 68, 215


 200, 197, 215

 79, 46, 215


 217, 218, 215

 61, 24, 215

 235, 240, 215

 44, 3, 215

 252, 255, 215

 41, 0, 215

 255, 255, 215

# Harmonies

## Analogous

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



66, 148, 227



148, 132, 215



196, 116, 184

# Triad

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



148, 132, 215



199, 127, 71



0, 164, 144

# Complementary

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



148, 132, 215



199, 215, 132

# 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.



68, 161, 102



148, 132, 215



166, 142, 57

# Square

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



148, 132, 215



219, 113, 103



124, 154, 69



0, 164, 185

# Rectangle

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



148, 132, 215



214, 109, 158



124, 154, 69



0, 164, 129



# Sweetspot

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



148, 132, 215



230, 224, 255



132, 200, 215



113, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



148, 132, 215



160, 138, 255



189, 132, 215



98, 96, 107



33, 0, 171



8, 0, 43



# Inverse Universe

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



215, 132, 199



255, 138, 232



158, 215, 132



107, 96, 105



171, 0, 138



43, 0, 35



# Previews

## White Background



This preview shows how the RGB color 148, 132, 215 looks on a white background.

## Color Contrast Check

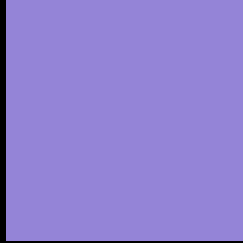
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 148, 132, 215 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](#).



## RGB 148, 132, 215 Background



This preview shows how black text looks on a background with the RGB color 148, 132, 215.

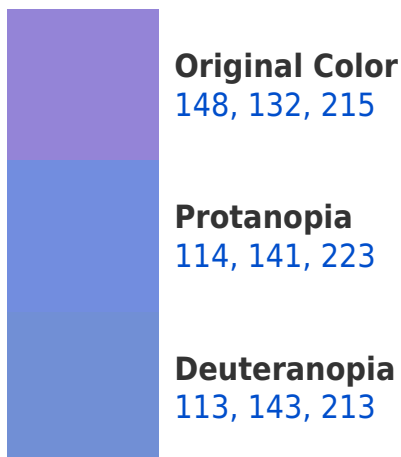


This preview shows how white text looks on a background with the RGB color 148, 132, 215.

# 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

136, 144, 156

# Trichromacy



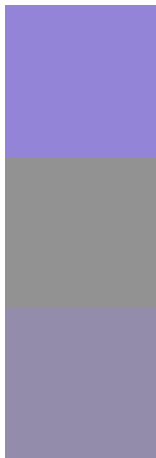
**Original Color**  
148, 132, 215

**Protanomaly**  
126, 138, 220

**Deuteranomaly**  
126, 139, 214

**Tritanomaly**  
140, 140, 177

# Monochromacy



**Original Color**  
148, 132, 215

**Achromatopsia**  
146, 146, 146

**Achromatomaly**  
147, 141, 171

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 148, 132, 215 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(148, 132, 215)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 215)  
}
```

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(148, 132, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 215) }
```

## Border

The CSS property to change the border of an element to RGB 148, 132, 215 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(148, 132, 215) }
```

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

```
.border{ border-color:rgb(148, 132, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 215);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
215) }
```

# Background

The CSS property to change the background color of an element to RGB 148, 132, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 215) }
```

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

```
.background{ background-color: rgb(148,  
132, 215) }
```

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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