

Converting Colors

`RYB(148, 98, 135)`

Have a look what the booklet for
RYB(148, 98, 135) contains.

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Color

RYP(148, 98, 135)

Conversions

Conversions Part 1

Format	Color
Hex	946287
RGB	148, 98, 135
RGB Percent	58%, 38%, 53%
CMY	0.4196, 0.6157, 0.4706
CMYK	0.00, 0.34, 0.09, 0.42
HSL	316°, 20%, 48%
HSV	316°, 34%, 58%
XYZ	20.9536, 16.7805, 25.0563
YIQ	117.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

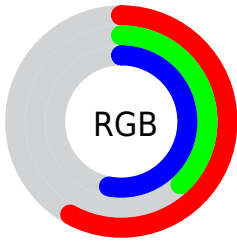
Format	Color
R_{YB}	148, 98, 135
Decimal	9724551
CIE Lab	47.98, 26.26, -12.25
CIE LCh	48, 28.977, 335.002
Yxy	16.7805, 0.3337, 0.2672
Android (android.graphics.Color)	4287914631 (0xFF946287)
YUV	117.1680, 8.7912, 27.0397
Hunter-Lab	40.9641, 19.6178, -7.5908

Details

The RYB color **148, 98, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98, 138, 148**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **203, 149, 188**, and **96, 50, 85** is the 20% darker color. If you saturate the color by 10%, you get **148, 83, 131**, and if you desaturate by 10%, it is **148, 113, 139**.

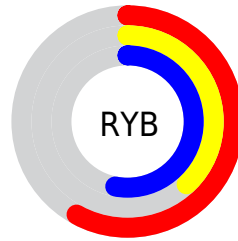
Distribution



Red (58%)

Green (38%)

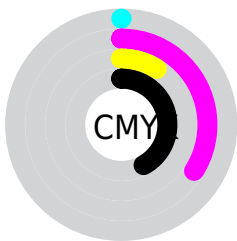
Blue (53%)



Red (58%)

Yellow (38%)

Blue (53%)

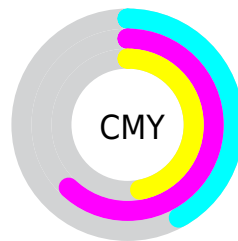


Cyan (0%)

Magenta (34%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 98, 135 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 148, 98, 135 by changing the saturation by 10% instead.



148, 98, 135



148, 98, 135

255, 255, 255



122, 74, 110



203, 149, 188



96, 50, 85



231, 176, 216



72, 27, 62



255, 204, 245



48, 5, 40



255, 232, 255



27, 0, 19



0, 0, 0



148, 98, 135



148, 98, 135



148, 83, 131




148, 113, 139




148, 68, 127




148, 128, 143


 148, 54, 123

 148, 142, 147


 148, 39, 120

 148, 155, 157

 148, 24, 116

 148, 167, 172

 148, 9, 112

 148, 179, 187

 148, 0, 110

 148, 191, 202

 148, 202, 216

 148, 214, 231

Harmonies

Analogous

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



122, 106, 154



148, 98, 135



160, 95, 111

Triad

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



148, 98, 135



80, 126, 65



0, 67, 141

Complementary

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



148, 98, 135



98, 138, 148

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.



33, 83, 127



148, 98, 135



73, 121, 94

Square

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



148, 98, 135



147, 134, 70



70, 109, 125



39, 88, 158

Rectangle

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



148, 98, 135



161, 96, 94



70, 109, 125



0, 65, 134

Sweetspot

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



148, 98, 135



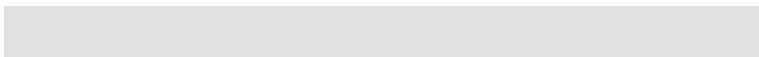
191, 172, 186



111, 98, 148



97, 85, 94



224, 224, 224



97, 97, 97

Same Dimension

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



148, 98, 135



191, 113, 171



148, 98, 111



74, 67, 72



138, 0, 102



10, 0, 8

Inverse Universe

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



148, 98, 135



191, 113, 171



98, 126, 148



74, 67, 72



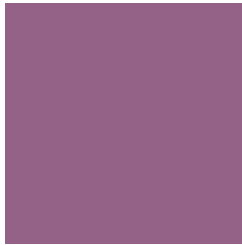
138, 0, 102



10, 0, 8

Previews

White Background



This preview shows how the RYB color 148, 98, 135 looks on a white background.

Color Contrast Check

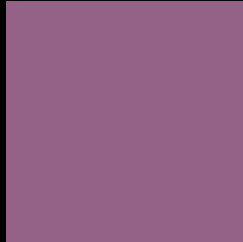
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 98, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

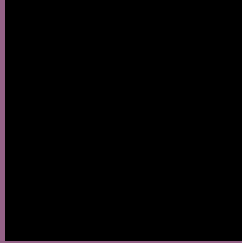
Any Text WCAG AA × Fail

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](#).

RYB 148, 98, 135 Background



This preview shows how black text looks on a background with the RYB color 148, 98, 135.



This preview shows how white text looks on a background with the RYB color 148, 98, 135.

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



Original Color


148, 98, 135

Protanopia

106, 112, 145

Deuteranopia

117, 111, 133



Tritanopia
145, 103, 110

Trichromacy



Original Color
148, 98, 135

Protanomaly
121, 108, 141

Deuteranomaly
128, 106, 134

Tritanomaly
146, 101, 119

Monochromacy



Original Color
148, 98, 135

Achromatopsia
117, 117, 117

Achromatomaly
128, 110, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 98, 135 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, 98, 135) looks like.

```
.text, #text, p{  
    color:rgb(148, 98, 135)  
}
```

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, 98, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 98, 135) }
```

Border

The CSS property to change the border of an element to RYB 148, 98, 135 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, 98, 135) }
```

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

```
.border{ border-color:rgb(148, 98, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 98, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 98, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 98, 135);  
box-shadow:4px 4px 4px 4px rgb(148, 98,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 148, 98, 135 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 98, 135) }
```

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

```
.background{ background-color: rgb(148, 98,  
135) }
```

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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