

Converting Colors

`RYB(146, 134, 167)`

Have a look what the booklet for
RYB(146, 134, 167) contains.

RYB(146, 134, 167)	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(146, 134, 167)

Conversions

Conversions Part 1

Format	Color
Hex	9286A7
RGB	146, 134, 167
RGB Percent	57%, 53%, 65%
CMY	0.4275, 0.4745, 0.3451
CMYK	0.13, 0.20, 0.00, 0.35
HSL	262°, 16%, 59%
HSV	262°, 20%, 65%
XYZ	27.3542, 25.9512, 40.1266
YIQ	141.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

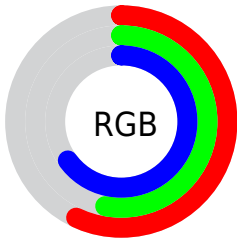
Format	Color
RYB	146, 134, 167
Decimal	9602727
CIELab	57.99, 11.19, -15.82
CIElCh	58, 19.378, 305.271
Yxy	25.9512, 0.2928, 0.2778
Android (android.graphics.Color)	4287792807 (0xFF9286A7)
YUV	141.3500, 12.6455, 4.0781
Hunter-Lab	50.9423, 6.6990, -11.0423

Details

The RYB color **146, 134, 167** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **134, 167, 146**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **200, 187, 222**, and **95, 84, 115** is the 20% darker color. If you saturate the color by 10%, you get **135, 117, 167**, and if you desaturate by 10%, it is **157, 151, 167**.

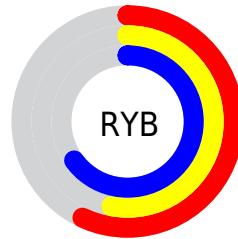
Distribution



Red (57%)

Green (53%)

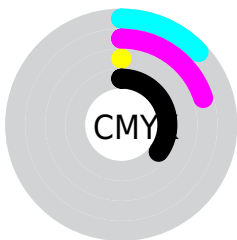
Blue (65%)



Red (57%)

Yellow (53%)

Blue (65%)

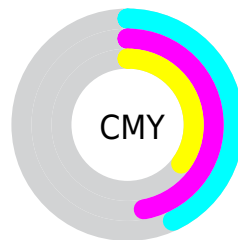


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (43%)

Magenta (47%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the RYB color 146, 134, 167 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 146, 134, 167 by changing the saturation by 10% instead.


 146, 134, 167


255, 255, 255

 200, 187, 222


 228, 215, 251


 255, 243, 255

 146, 134, 167

 120, 109, 141

 95, 84, 115

 71, 61, 90

 48, 39, 67


 27, 19, 45


 0, 0, 24

 0, 0, 0

 146, 134, 167

 135, 117, 167

 146, 134, 167

 157, 151, 167

125, 101, 167

167, 167, 167

114, 84, 167

167, 184, 173

103, 67, 167

167, 201, 179

93, 50, 167

167, 217, 185

82, 34, 167

167, 234, 191

72, 17, 167

167, 251, 198

61, 0, 167

167, 255, 191

167, 255, 180

Harmonies

Analogous

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



123, 136, 173



146, 134, 167



164, 129, 154

Triad

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



146, 134, 167



164, 155, 109



96, 124, 149

Complementary

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



146, 134, 167



134, 167, 146

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.



111, 138, 148



146, 134, 167



119, 149, 106

Square

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



146, 134, 167



173, 130, 121



111, 144, 125



92, 122, 158

Rectangle

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



146, 134, 167



171, 127, 143



111, 144, 125



100, 128, 149

Sweetspot

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



146, 134, 167



208, 204, 217



134, 147, 167



105, 102, 110



237, 237, 237



110, 110, 110

Same Dimension

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



146, 134, 167



184, 165, 217



162, 134, 167



79, 76, 84



54, 0, 148



7, 0, 20

Inverse Universe

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



167, 134, 155



217, 165, 198



134, 167, 162



84, 76, 81



148, 0, 94



20, 0, 13

Previews

White Background



This preview shows how the RYB color 146, 134, 167 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 146, 134, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

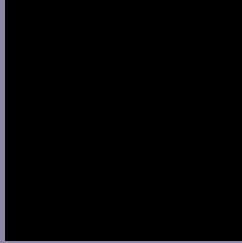
Any Text WCAG AA ✓ Pass

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](#).

RYB 146, 134, 167 Background



This preview shows how black text looks on a background with the RYB color 146, 134, 167.



This preview shows how white text looks on a background with the RYB color 146, 134, 167.

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


146, 134, 167

Protanopia

132, 137, 170

Deuteranopia

140, 136, 167



Tritanopia

143, 137, 148

Trichromacy



Original Color
146, 134, 167

Protanomaly
137, 137, 169

Deuteranomaly
142, 135, 167

Tritanomaly
144, 136, 155

Monochromacy



Original Color
146, 134, 167

Achromatopsia
141, 141, 141

Achromatomaly
143, 138, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 134, 167 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(146, 134, 167) looks like.

```
.text, #text, p{  
    color:rgb(146, 134, 167)  
}
```

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(146, 134, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 134, 167) }
```

Border

The CSS property to change the border of an element to RYB 146, 134, 167 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(146, 134, 167) }
```

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

```
.border{ border-color:rgb(146, 134, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 134, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 134, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 134, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 134,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 146, 134, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 134, 167) }
```

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

```
.background{ background-color: rgb(146,  
134, 167) }
```

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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