

Converting Colors

`RYB(134, 66, 141)`

Have a look what the booklet for
RYB(134, 66, 141) contains.

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Color

R_YB(134, 66, 141)

Conversions

Conversions Part 1

Format	Color
Hex	86428D
RGB	134, 66, 141
RGB Percent	53%, 26%, 55%
CMY	0.4745, 0.7412, 0.4471
CMYK	0.05, 0.53, 0.00, 0.45
HSL	294°, 36%, 41%
HSV	294°, 53%, 55%
XYZ	16.5874, 10.8878, 26.4266
YIQ	94.8820, 16.4530, 37.7410

Conversions

Conversions Part 2

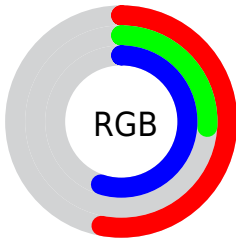
Format	Color
R_{YB}	134, 66, 141
Decimal	8798861
CIE Lab	39.39, 40.66, -29.25
CIE LCh	39, 50.091, 324.268
Yxy	10.8878, 0.3077, 0.2020
Android (android.graphics.Color)	4286988941 (0xFF86428D)
YUV	94.8820, 22.7362, 34.3065
Hunter-Lab	32.9967, 31.9876, -24.3868

Details

The RYB color **134, 66, 141** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **66, 141, 134**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **189, 117, 195**, and **82, 14, 90** is the 20% darker color. If you saturate the color by 10%, you get **133, 52, 141**, and if you desaturate by 10%, it is **135, 80, 141**.

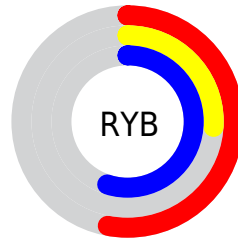
Distribution



Red (53%)

Green (26%)

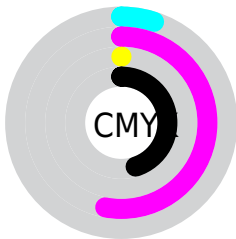
Blue (55%)



Red (53%)

Yellow (26%)

Blue (55%)

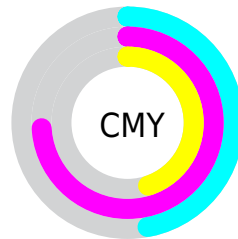


Cyan (5%)

Magenta (53%)

Yellow (0%)

Black (45%)



Cyan (47%)















Magenta (74%)



Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 66, 141 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 134, 66, 141 by changing the saturation by 10% instead.

 134, 66, 141	 134, 66, 141
 255, 255, 255	 108, 41, 115
 189, 117, 195	 82, 14, 90
 217, 143, 223	 57, 0, 67
 246, 171, 252	 37, 0, 44
 255, 198, 255	 0, 1, 22
 255, 227, 255	 0, 0, 0

 134, 66, 141	 134, 66, 141
 133, 52, 141	 135, 80, 141
 131, 38, 141	 137, 94, 141

■ 130, 24, 141

■ 138, 108, 141

■ 129, 10, 141

■ 139, 122, 141

■ 128, 0, 141

■ 141, 137, 141

■ 141, 151, 150

■ 141, 165, 163

■ 141, 179, 175

■ 141, 193, 188

Harmonies

Analogous

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



76, 84, 168



134, 66, 141



161, 51, 102

Triad

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



134, 66, 141



42, 119, 0



0, 59, 125

Complementary

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



134, 66, 141



66, 141, 134

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, 64, 111



134, 66, 141



0, 100, 20

Square

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



134, 66, 141



148, 98, 25



14, 86, 108



0, 64, 159

Rectangle

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



134, 66, 141



165, 51, 75



14, 86, 108



0, 56, 112

Sweetspot

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



134, 66, 141



181, 154, 184



66, 72, 141



90, 74, 92



219, 219, 219



92, 92, 92

Same Dimension

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



134, 66, 141



173, 66, 184



141, 66, 111



71, 64, 71



123, 0, 135



7, 0, 8

Inverse Universe

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



141, 66, 73



184, 66, 77



66, 120, 141



71, 64, 65



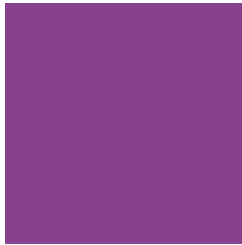
135, 0, 13



8, 0, 1

Previews

White Background



This preview shows how the RYB color 134, 66, 141 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 134, 66, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

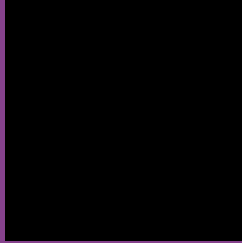
Any Text WCAG AA × Fail

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 134, 66, 141 Background



This preview shows how black text looks on a background with the RYB color 134, 66, 141.

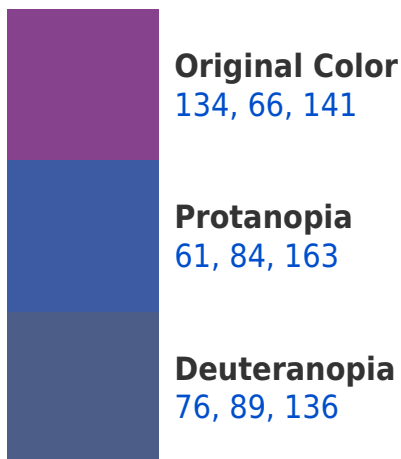


This preview shows how white text looks on a background with the RYB color 134, 66, 141.

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
127, 80, 86

Trichromacy



Original Color
134, 66, 141

Protanomaly
88, 82, 155

Deuteranomaly
97, 83, 138

Tritanomaly
130, 75, 106

Monochromacy



Original Color
134, 66, 141

Achromatopsia
95, 95, 95

Achromatomaly
109, 84, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 66, 141 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(134, 66, 141)` looks like.

```
.text, #text, p{  
    color:rgb(134, 66, 141)  
}
```

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(134, 66, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 66, 141) }
```

Border

The CSS property to change the border of an element to RYB 134, 66, 141 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(134, 66, 141) }
```

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

```
.border{ border-color:rgb(134, 66, 141) }
```

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

Here you see how a box with a 4 pixel rgb(134, 66, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 66, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 66, 141);  
box-shadow:4px 4px 4px 4px rgb(134, 66,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 134, 66, 141 is called "background".

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

```
.background, #background, body{  
background: rgb(134, 66, 141) }
```

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

```
.background{ background-color: rgb(134, 66,  
141) }
```

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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