

# Converting Colors

`RYB(132, 95, 146)`

Have a look what the booklet for  
RYB(132, 95, 146) contains.

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# Color

**R<sub>Y</sub>B(132, 95, 146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845F92
RGB	132, 95, 146
RGB Percent	52%, 37%, 57%
CMY	0.4824, 0.6275, 0.4275
CMYK	0.10, 0.35, 0.00, 0.43
HSL	284°, 21%, 47%
HSV	284°, 35%, 57%
XYZ	18.7962, 15.1653, 29.1306
YIQ	111.8770, 5.6810, 23.7050

# Conversions

## Conversions Part 2

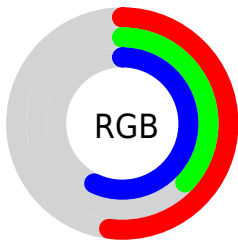
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 95, 146</a>
Decimal	<a href="#">8675218</a>
CIELab	<a href="#">45.86, 24.67, -22.22</a>
CIELCh	<a href="#">46, 33.198, 317.991</a>
Yxy	<a href="#">15.1653, 0.2979, 0.2404</a>
Android (android.graphics.Color)	<a href="#">4286865298 (0xFF845F92)</a>
YUV	<a href="#">111.8770, 16.8226, 17.6479</a>
Hunter-Lab	<a href="#">38.9426, 18.0061, -17.0915</a>

# Details

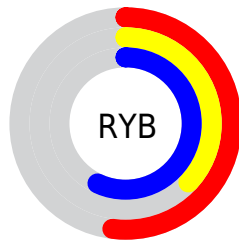
The RYB color **132, 95, 146** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **95, 146, 132**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **186, 146, 200**, and **81, 48, 95** is the 20% darker color. If you saturate the color by 10%, you get **128, 80, 146**, and if you desaturate by 10%, it is **136, 110, 146**.

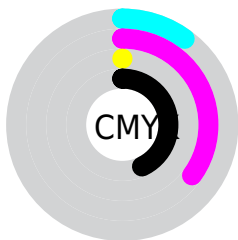
# Distribution



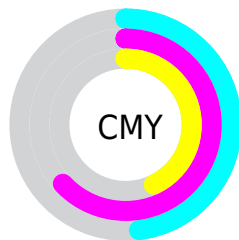
- Red (52%)
- Green (37%)
- Blue (57%)



- Red (52%)
- Yellow (37%)
- Blue (57%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (63%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 132, 95, 146 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 132, 95, 146 by changing the saturation by 10% instead.





132, 95, 146



132, 95, 146

255, 255, 255



106, 71, 120



186, 146, 200



81, 48, 95



214, 173, 228



58, 26, 71



242, 200, 255



35, 3, 49



255, 228, 255



0, 0, 27



0, 0, 0



132, 95, 146



132, 95, 146



128, 80, 146



136, 110, 146



124, 66, 146



140, 124, 146

120, 51, 146

144, 139, 146

116, 37, 146

146, 153, 151

112, 22, 146

146, 168, 162

108, 7, 146

146, 183, 173

106, 0, 146

146, 197, 183

146, 212, 194

146, 226, 204

# Harmonies

## Analogous

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



94, 104, 161



132, 95, 146



155, 87, 121

# Triad

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



132, 95, 146



107, 135, 54



0, 62, 125

# Complementary

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



132, 95, 146



95, 146, 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.



34, 86, 122



132, 95, 146



54, 112, 57

# Square

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



132, 95, 146



154, 103, 68



70, 119, 112



0, 67, 149

# Rectangle

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



132, 95, 146



161, 86, 102



70, 119, 112



0, 64, 123



# Sweetspot

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



132, 95, 146



184, 170, 189



95, 106, 146



91, 83, 94



222, 222, 222



94, 94, 94



# Same Dimension

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



132, 95, 146



167, 109, 189



146, 95, 135



72, 67, 74



100, 0, 138



7, 0, 10



# Inverse Universe

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



146, 95, 109



189, 109, 131



95, 137, 146



74, 67, 69



138, 0, 38

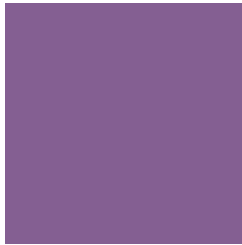


10, 0, 3



# Previews

## White Background



This preview shows how the RYB color 132, 95, 146 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 132, 95, 146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

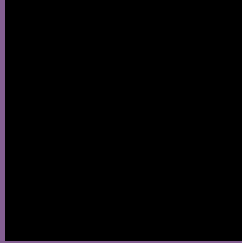
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## RYB 132, 95, 146 Background



This preview shows how black text looks on a background with the RYB color 132, 95, 146.

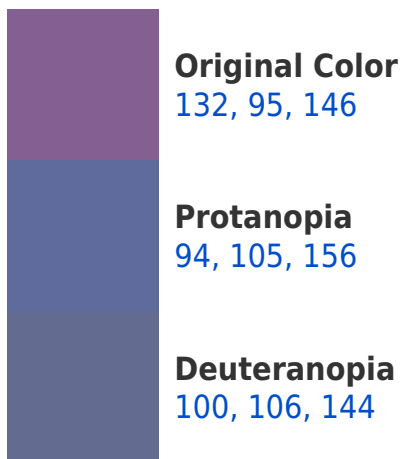



This preview shows how white text looks on a background with the RYB color 132, 95, 146.

# 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, 102, 110

# Trichromacy



**Original Color**

132, 95, 146

**Protanomaly**

108, 103, 152

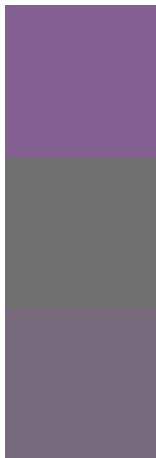
**Deuteranomaly**

112, 103, 145

**Tritanomaly**

129, 99, 123

# Monochromacy



**Original Color**

132, 95, 146

**Achromatopsia**

112, 112, 112

**Achromatomaly**

119, 106, 124

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 132, 95, 146 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(132, 95, 146) looks like.

```
.text, #text, p{  
    color:rgb(132, 95, 146)  
}
```

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(132, 95, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 95, 146) }
```

## Border

The CSS property to change the border of an element to RYB 132, 95, 146 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(132, 95, 146) }
```

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

```
.border{ border-color:rgb(132, 95, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 95, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 95, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 95, 146);  
box-shadow:4px 4px 4px 4px rgb(132, 95,  
146) }
```

# Background

The CSS property to change the background color of an element to RYB 132, 95, 146 is called "background".

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

```
.background, #background, body{  
background: rgb(132, 95, 146) }
```

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

```
.background{ background-color: rgb(132, 95,  
146) }
```

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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