

Converting Colors

`RYB(146, 124, 184)`

Have a look what the booklet for
RYB(146, 124, 184) contains.

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Color

$\text{RYB}(146, 124, 184)$

Conversions

Conversions Part 1

Format	Color
Hex	927CB8
RGB	146, 124, 184
RGB Percent	57%, 49%, 72%
CMY	0.4275, 0.5137, 0.2784
CMYK	0.21, 0.33, 0.00, 0.28
HSL	262°, 30%, 60%
HSV	262°, 33%, 72%
XYZ	27.7134, 23.9870, 48.5167
YIQ	137.4180, -6.1480, 23.3240

Conversions

Conversions Part 2

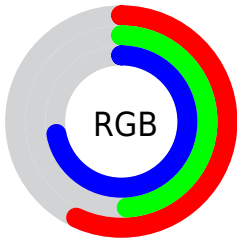
Format	Color
R_{YB}	146, 124, 184
Decimal	9600184
CIE _{Lab}	56.07, 20.89, -28.49
CIE _{LCh}	56, 35.328, 306.244
Yxy	23.9870, 0.2765, 0.2394
Android (android.graphics.Color)	4287790264 (0xFF927CB8)
YUV	137.4180, 22.9649, 7.5264
Hunter-Lab	48.9765, 15.2956, -24.4498

Details

The RYB color **146, 124, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **124, 184, 146**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **201, 177, 240**, and **94, 75, 131** is the 20% darker color. If you saturate the color by 10%, you get **134, 106, 184**, and if you desaturate by 10%, it is **158, 142, 184**.

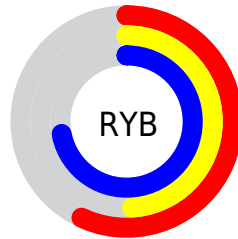
Distribution



Red (57%)

Green (49%)

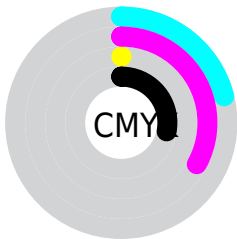
Blue (72%)



Red (57%)

Yellow (49%)

Blue (72%)

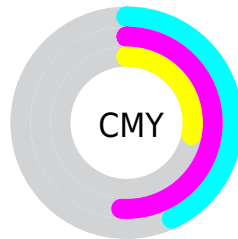


Cyan (21%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 124, 184 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, 124, 184 by changing the saturation by 10% instead.

 146, 124, 184

255, 255, 255

 201, 177, 240


 229, 204, 255

 255, 232, 255

 146, 124, 184

 120, 99, 157

 94, 75, 131

 70, 52, 105

 46, 30, 81


 22, 9, 58


 0, 0, 36

 0, 0, 11

 0, 0, 0


 146, 124, 184


 146, 124, 184


 134, 106, 184

 158, 142, 184

 123, 87, 184

 169, 161, 184

 111, 69, 184


 181, 179, 184

 99, 50, 184

 184, 198, 189

 88, 32, 184

 184, 216, 196

 76, 14, 184

 184, 234, 202

 67, 0, 184

 184, 253, 209

 184, 255, 200

 184, 255, 188

Harmonies

Analogous

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



98, 125, 195



146, 124, 184



178, 114, 160

Triad

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



146, 124, 184



174, 165, 79



13, 85, 151

Complementary

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



146, 124, 184



124, 184, 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.



76, 126, 149



146, 124, 184



88, 148, 72

Square

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



146, 124, 184



190, 117, 100



84, 143, 112



0, 79, 170

Rectangle

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



146, 124, 184



190, 110, 140



84, 143, 112



42, 102, 150

Sweetspot

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



146, 124, 184



225, 216, 240



124, 147, 184



111, 105, 120



247, 247, 247



120, 120, 120

Same Dimension

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



146, 124, 184



180, 146, 240



176, 124, 184



86, 83, 92



57, 0, 156



10, 0, 28

Inverse Universe

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



184, 124, 162



240, 146, 205



124, 184, 176



92, 83, 88



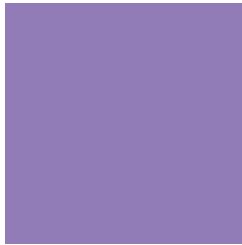
156, 0, 99



28, 0, 18

Previews

White Background



This preview shows how the RYB color 146, 124, 184 looks on a white background.

Color Contrast Check

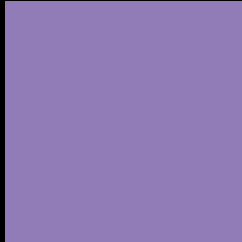
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

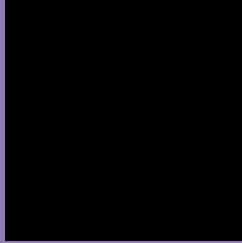
Any Text WCAG AA ✓ Pass

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, 124, 184 Background



This preview shows how black text looks on a background with the RYB color 146, 124, 184.



This preview shows how white text looks on a background with the RYB color 146, 124, 184.

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, 124, 184

Protanopia
116, 130, 191

Deuteranopia
121, 131, 182



Tritanopia

139, 132, 143

Trichromacy



Original Color

146, 124, 184

Protanomaly

127, 130, 188

Deuteranomaly

130, 130, 183

Tritanomaly

142, 129, 158

Monochromacy



Original Color

146, 124, 184

Achromatopsia

137, 137, 137

Achromatomaly

140, 132, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 124, 184 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, 124, 184)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 184)  
}
```

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, 124, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 184) }
```

Border

The CSS property to change the border of an element to RYB 146, 124, 184 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, 124, 184) }
```

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

```
.border{ border-color:rgb(146, 124, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 184);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 146, 124, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 184) }
```

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

```
.background{ background-color: rgb(146,  
124, 184) }
```

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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