

Converting Colors

`RYB(146, 74, 116)`

Have a look what the booklet for
RYB(146, 74, 116) contains.

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Color

$\text{RYB}(146, 74, 116)$

Conversions

Conversions Part 1

Format	Color
Hex	924A74
RGB	146, 74, 116
RGB Percent	57%, 29%, 45%
CMY	0.4275, 0.7098, 0.5451
CMYK	0.00, 0.49, 0.21, 0.43
HSL	325°, 33%, 43%
HSV	325°, 49%, 57%
XYZ	17.4552, 12.2695, 17.9713
YIQ	100.3160, 29.4300, 28.3260

Conversions

Conversions Part 2

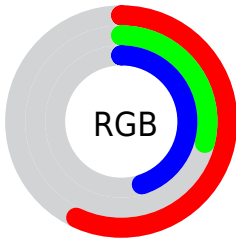
Format	Color
R_{YB}	146, 74, 116
Decimal	9587316
CIE _{Lab}	41.64, 35.75, -10.33
CIE _{LCh}	42, 37.213, 343.890
Yxy	12.2695, 0.3660, 0.2572
Android (android.graphics.Color)	4287777396 (0xFF924A74)
YUV	100.3160, 7.7322, 40.0649
Hunter-Lab	35.0279, 27.6521, -5.8996

Details

The RYB color **146, 74, 116** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **74, 125, 146**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **202, 125, 168**, and **93, 24, 68** is the 20% darker color. If you saturate the color by 10%, you get **146, 59, 110**, and if you desaturate by 10%, it is **146, 89, 122**.

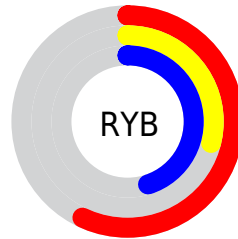
Distribution



Red (57%)

Green (29%)

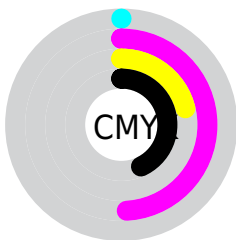
Blue (45%)



Red (57%)

Yellow (29%)

Blue (45%)

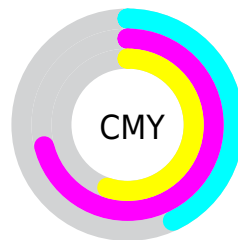


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (43%)



Cyan (43%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 74, 116 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, 74, 116 by changing the saturation by 10% instead.



146, 74, 116



146, 74, 116

255, 255, 255



119, 49, 91



202, 125, 168



93, 24, 68



230, 152, 195



68, 0, 46



255, 179, 223



46, 0, 25



255, 207, 252



0, 0, 0



255, 235, 255



146, 74, 116



146, 74, 116



146, 59, 110



146, 89, 122



146, 45, 104



146, 103, 128

■ 146, 30, 98

■ 146, 118, 134

■ 146, 16, 92

■ 146, 132, 140

■ 146, 1, 86

■ 146, 147, 147

■ 146, 0, 85

■ 146, 157, 162

■ 146, 167, 176

■ 146, 178, 191

■ 146, 187, 205

Harmonies

Analogous

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



119, 84, 143



146, 74, 116



155, 72, 85

Triad

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



146, 74, 116



36, 102, 35



0, 62, 140

Complementary

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



146, 74, 116



74, 125, 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.



0, 58, 114



146, 74, 116



52, 108, 92

Square

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



146, 74, 116



103, 129, 38



2, 66, 112



0, 63, 157

Rectangle

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



146, 74, 116



152, 77, 66



2, 66, 112



0, 61, 131

Sweetspot

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



146, 74, 116



189, 160, 177



104, 74, 146



94, 77, 87



222, 222, 222



94, 94, 94

Same Dimension

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



146, 74, 116



189, 77, 142



146, 74, 80



74, 67, 71



138, 0, 80



10, 0, 6

Inverse Universe

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



146, 74, 116



189, 77, 142



74, 112, 146



74, 67, 71



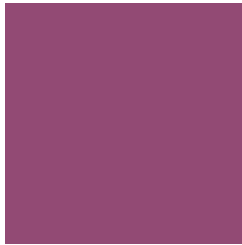
138, 0, 80



10, 0, 6

Previews

White Background



This preview shows how the RYB color 146, 74, 116 looks on a white background.

Color Contrast Check

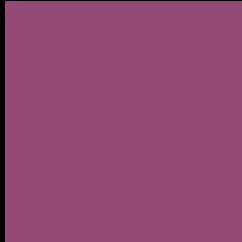
Large Text (above 18pt) WCAG AA ✓ Pass

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 146, 74, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

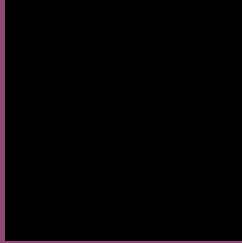
Any Text WCAG AA × Fail

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 146, 74, 116 Background



This preview shows how black text looks on a background with the RYB color 146, 74, 116.



This preview shows how white text looks on a background with the RYB color 146, 74, 116.

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, 74, 116

Protanopia
89, 96, 133

Deuteranopia
102, 96, 112



Tritanopia
143, 80, 86

Trichromacy



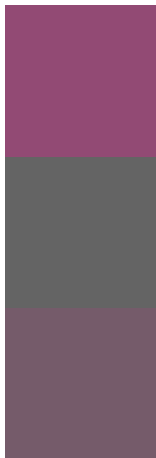
Original Color
146, 74, 116

Protanomaly
110, 89, 127

Deuteranomaly
118, 88, 113

Tritanomaly
144, 78, 97

Monochromacy



Original Color
146, 74, 116

Achromatopsia
100, 100, 100

Achromatomaly
117, 91, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 74, 116 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, 74, 116)` looks like.

```
.text, #text, p{  
    color:rgb(146, 74, 116)  
}
```

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, 74, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 74, 116) }
```

Border

The CSS property to change the border of an element to RYB 146, 74, 116 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, 74, 116) }
```

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

```
.border{ border-color:rgb(146, 74, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 74, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 74, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 74, 116);  
box-shadow:4px 4px 4px 4px rgb(146, 74,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 146, 74, 116 is called "background".

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

```
.background, #background, body{  
background: rgb(146, 74, 116) }
```

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

```
.background{ background-color: rgb(146, 74,  
116) }
```

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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