

Converting Colors

`RYB(114, 86, 143)`

Have a look what the booklet for
RYB(114, 86, 143) contains.

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Color

R_YB(114, 86, 143)

Conversions

Conversions Part 1

Format	Color
Hex	72568F
RGB	114, 86, 143
RGB Percent	45%, 34%, 56%
CMY	0.5529, 0.6627, 0.4392
CMYK	0.20, 0.40, 0.00, 0.44
HSL	269°, 25%, 45%
HSV	269°, 40%, 56%
XYZ	15.2251, 12.2162, 27.5421
YIQ	100.8700, -1.6090, 23.6630

Conversions

Conversions Part 2

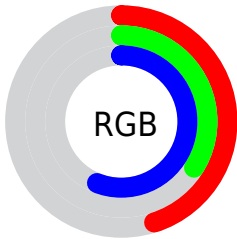
Format	Color
R _Y B	114, 86, 143
Decimal	7493263
CIE Lab	41.56, 23.45, -27.25
CIE LCh	42, 35.952, 310.719
Yxy	12.2162, 0.2769, 0.2222
Android (android.graphics.Color)	4285683343 (0xFF72568F)
YUV	100.8700, 20.7701, 11.5150
Hunter-Lab	34.9516, 16.5904, -22.2548

Details

The RYB color **114, 86, 143** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86, 143, 114**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **167, 136, 197**, and **64, 40, 92** is the 20% darker color. If you saturate the color by 10%, you get **107, 72, 143**, and if you desaturate by 10%, it is **121, 100, 143**.

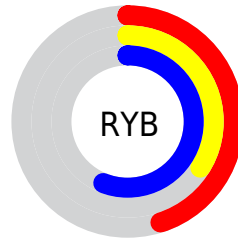
Distribution



Red (45%)

Green (34%)

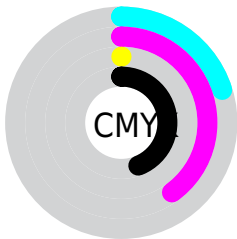
Blue (56%)



Red (45%)

Yellow (34%)

Blue (56%)

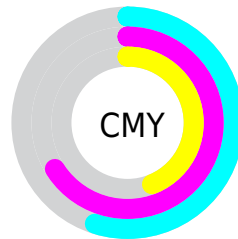


Cyan (20%)

Magenta (40%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (66%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 86, 143 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 114, 86, 143 by changing the saturation by 10% instead.



114, 86, 143



114, 86, 143

255, 255, 255



89, 62, 117



167, 136, 197



64, 40, 92



194, 163, 225



41, 19, 68



223, 190, 254



23, 0, 46



251, 218, 255



0, 1, 24



255, 246, 255



0, 0, 0



114, 86, 143



114, 86, 143



107, 72, 143



121, 100, 143



99, 57, 143



129, 115, 143

92, 43, 143

136, 129, 143

85, 29, 143

143, 143, 143

78, 14, 143

143, 158, 151

70, 0, 143

143, 172, 157

143, 186, 164

143, 200, 171

143, 215, 179

Harmonies

Analogous

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



66, 90, 156



114, 86, 143



142, 76, 118

Triad

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



114, 86, 143



116, 131, 41



0, 58, 113

Complementary

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



114, 86, 143



86, 143, 114

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.



24, 79, 112



114, 86, 143



42, 105, 37

Square

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



114, 86, 143



148, 84, 61



51, 107, 85



0, 61, 136

Rectangle

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



114, 86, 143



151, 73, 99



51, 107, 85



0, 61, 113

Sweetspot

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



114, 86, 143



175, 164, 186



86, 105, 143



88, 81, 94



222, 222, 222



94, 94, 94

Same Dimension

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



114, 86, 143



141, 97, 186



142, 86, 143



68, 64, 71



66, 0, 135



4, 0, 8

Inverse Universe

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



143, 86, 115



186, 97, 142



86, 143, 142



71, 64, 68



135, 0, 69



8, 0, 4

Previews

White Background



This preview shows how the RYB color 114, 86, 143 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 114, 86, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

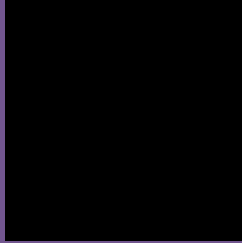
Any Text WCAG AA × Fail

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](#).

R Y B 114, 86, 143 Background



This preview shows how black text looks on a background with the R Y B color 114, 86, 143.

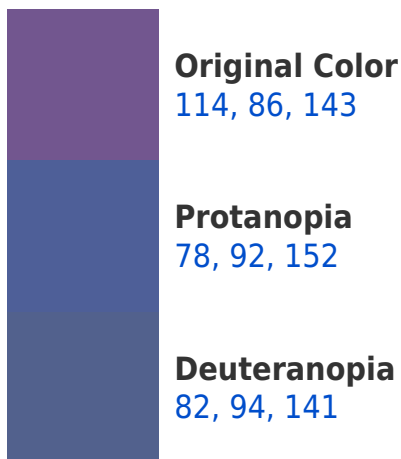


This preview shows how white text looks on a background with the R Y B color 114, 86, 143.

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
107, 95, 102

Trichromacy



Original Color

114, 86, 143

Protanomaly

91, 92, 149

Deuteranomaly

94, 93, 142

Tritanomaly

110, 92, 117

Monochromacy



Original Color

114, 86, 143

Achromatopsia

101, 101, 101

Achromatomaly

106, 96, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 86, 143 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(114, 86, 143)` looks like.

```
.text, #text, p{  
    color:rgb(114, 86, 143)  
}
```

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(114, 86, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 86, 143) }
```

Border

The CSS property to change the border of an element to RYB 114, 86, 143 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(114, 86, 143) }
```

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

```
.border{ border-color:rgb(114, 86, 143) }
```

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

Here you see how a box with a 4 pixel rgb(114, 86, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 86, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 86, 143);  
box-shadow:4px 4px 4px 4px rgb(114, 86,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 114, 86, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 86, 143) }
```

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

```
.background{ background-color: rgb(114, 86,  
143) }
```

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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