

Converting Colors

RGB(114, 97, 146)

Have a look what the booklet for
RGB(114, 97, 146) contains.

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Color

RGB(114, 97, 146)

Conversions

Conversions Part 1

Format	Color
Hex	726192
RGB	114, 97, 146
RGB Percent	45%, 38%, 57%
CMY	0.5529, 0.6196, 0.4275
CMYK	0.22, 0.34, 0.00, 0.43
HSL	261°, 20%, 48%
HSV	261°, 34%, 57%
XYZ	16.4024, 14.2021, 29.0709
YIQ	107.6690, -5.5970, 18.8430

Conversions

Conversions Part 2

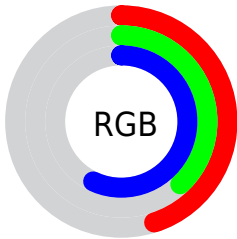
Format	Color
R_{YB}	114, 97, 146
Decimal	7496082
CIE _{Lab}	44.52, 17.50, -24.44
CIE _{LCh}	45, 30.060, 305.614
Yxy	14.2021, 0.2749, 0.2380
Android (android.graphics.Color)	4285686162 (0xFF726192)
YUV	107.6690, 18.8972, 5.5523
Hunter-Lab	37.6857, 11.7409, -19.3566

Details

The RGB color **114, 97, 146** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129, 146, 97**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **167, 148, 200**, and **65, 50, 95** is the 20% darker color. If you saturate the color by 10%, you get **104, 82, 146**, and if you desaturate by 10%, it is **124, 112, 146**.

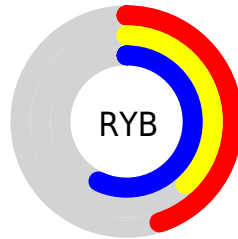
Distribution



Red (45%)

Green (38%)

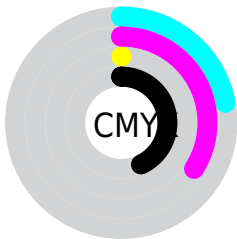
Blue (57%)



Red (45%)

Yellow (38%)

Blue (57%)

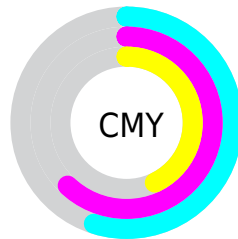


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 97, 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 RGB color 114, 97, 146 by changing the saturation by 10% instead.



114, 97, 146



114, 97, 146

255, 255, 255



89, 73, 120



167, 148, 200



65, 50, 95



194, 174, 228



41, 29, 71



222, 202, 255



20, 6, 49



251, 230, 255



0, 1, 27



0, 0, 0



114, 97, 146



114, 97, 146



104, 82, 146



124, 112, 146



95, 68, 146



133, 126, 146

85, 53, 146

143, 141, 146

76, 39, 146

152, 155, 146

66, 24, 146

162, 170, 146

57, 9, 146

171, 185, 146

51, 0, 146

181, 199, 146

190, 214, 146

200, 228, 146

Harmonies

Analogous

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



75, 106, 155



114, 97, 146



140, 89, 126

Triad

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



114, 97, 146



138, 97, 60



5, 118, 109

Complementary

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



114, 97, 146



129, 146, 97

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.



58, 117, 84



114, 97, 146



117, 105, 55

Square

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



114, 97, 146



151, 89, 77



90, 112, 64



0, 117, 134

Rectangle

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



114, 97, 146



150, 86, 110



90, 112, 64



30, 118, 101

Sweetspot

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



114, 97, 146



176, 170, 189



97, 130, 146



87, 83, 94



222, 222, 222



94, 94, 94

Same Dimension

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



114, 97, 146



139, 113, 189



138, 97, 146



69, 67, 74



48, 0, 138



4, 0, 10

Inverse Universe

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



146, 97, 129



189, 113, 163



105, 146, 97



74, 67, 71



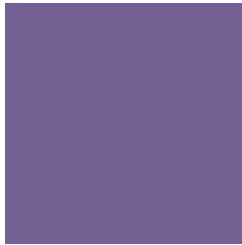
138, 0, 90



10, 0, 7

Previews

White Background



This preview shows how the RGB color 114, 97, 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 RGB color 114, 97, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

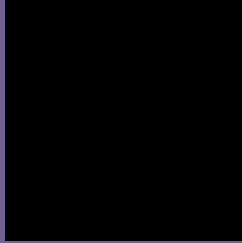
Any Text WCAG AA × Fail

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](#).

RGB 114, 97, 146 Background



This preview shows how black text looks on a background with the RGB color 114, 97, 146.

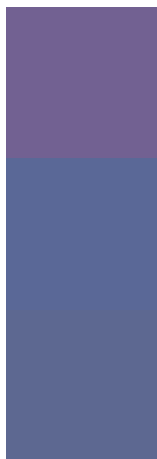


This preview shows how white text looks on a background with the RGB color 114, 97, 146.

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



Original Color


114, 97, 146

Protanopia

90, 104, 151

Deuteranopia

93, 104, 145



Tritanopia
108, 104, 112

Trichromacy



Original Color

114, 97, 146

Protanomaly

99, 101, 149

Deuteranomaly

101, 101, 145

Tritanomaly

110, 101, 124

Monochromacy



Original Color

114, 97, 146

Achromatopsia

108, 108, 108

Achromatomaly

110, 104, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 97, 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(114, 97, 146)` looks like.

```
.text, #text, p{  
    color:rgb(114, 97, 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(114, 97, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 97, 146) }
```

Border

The CSS property to change the border of an element to RGB 114, 97, 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(114, 97, 146) }
```

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

```
.border{ border-color:rgb(114, 97, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 97, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 97, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 97, 146);  
box-shadow:4px 4px 4px 4px rgb(114, 97,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 114, 97, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 97, 146) }
```

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

```
.background{ background-color: rgb(114, 97,  
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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