

Converting Colors

RGB(114, 100, 145)

Have a look what the booklet for
RGB(114, 100, 145) contains.

RGB(114, 100, 145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(114, 100, 145)

Conversions

Conversions Part 1

Format	Color
Hex	726491
RGB	114, 100, 145
RGB Percent	45%, 39%, 57%
CMY	0.5529, 0.6078, 0.4314
CMYK	0.21, 0.31, 0.00, 0.43
HSL	259°, 18%, 48%
HSV	259°, 31%, 57%
XYZ	16.6074, 14.7361, 28.7571
YIQ	109.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

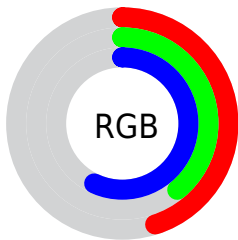
Format	Color
R_{YB}	114, 100, 145
Decimal	7496849
CIE _{Lab}	45.27, 15.43, -22.68
CIE _{LCh}	45, 27.432, 304.229
Yxy	14.7361, 0.2763, 0.2452
Android (android.graphics.Color)	4285686929 (0xFF726491)
YUV	109.3160, 17.5922, 4.1079
Hunter-Lab	38.3876, 10.0452, -17.5443

Details

The RGB color **114, 100, 145** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131, 145, 100**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **167, 151, 199**, and **65, 53, 94** is the 20% darker color. If you saturate the color by 10%, you get **104, 86, 145**, and if you desaturate by 10%, it is **124, 115, 145**.

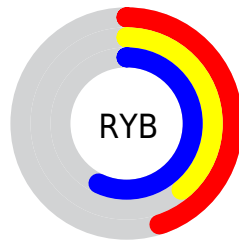
Distribution



Red (45%)

Green (39%)

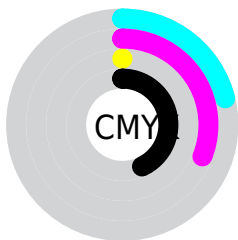
Blue (57%)



Red (45%)

Yellow (39%)

Blue (57%)

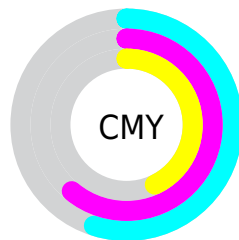


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 100, 145 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, 100, 145 by changing the saturation by 10% instead.

■ 114, 100, 145

255, 255, 255

■ 167, 151, 199

■ 194, 178, 227

■ 222, 205, 255

■ 251, 233, 255

■ 114, 100, 145

■ 89, 76, 119

■ 65, 53, 94

■ 42, 32, 70

■ 20, 10, 48

■ 0, 1, 27

■ 0, 0, 0

■ 114, 100, 145

■ 104, 86, 145

■ 94, 71, 145

■ 114, 100, 145

■ 124, 115, 145

■ 134, 129, 145

84, 57, 145

144, 144, 145

74, 42, 145

154, 158, 145

64, 27, 145

164, 173, 145

54, 13, 145

174, 187, 145

45, 0, 145

184, 202, 145

194, 216, 145

204, 230, 145

Harmonies

Analogous

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



79, 108, 153



114, 100, 145



139, 92, 127

Triad

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



114, 100, 145



138, 99, 66



34, 119, 110

Complementary

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



114, 100, 145



131, 145, 100

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.



67, 118, 86



114, 100, 145



119, 107, 61

Square

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



114, 100, 145



150, 92, 83



95, 113, 68



0, 118, 132

Rectangle

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



114, 100, 145



148, 90, 113



95, 113, 68



46, 119, 102

Sweetspot

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



114, 100, 145



177, 172, 189



100, 132, 145



87, 84, 94



222, 222, 222



94, 94, 94

Same Dimension

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



114, 100, 145



141, 119, 189



136, 100, 145



66, 64, 71



42, 0, 135



2, 0, 8

Inverse Universe

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



145, 100, 131



189, 119, 167



109, 145, 100



71, 64, 69



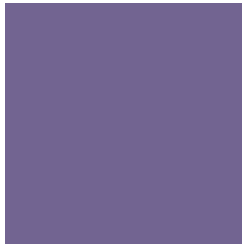
135, 0, 93



8, 0, 5

Previews

White Background



This preview shows how the RGB color 114, 100, 145 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, 100, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

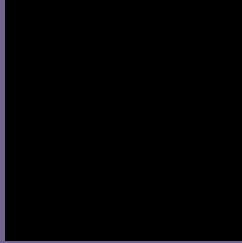
Any Text WCAG AA × Fail

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, 100, 145 Background



This preview shows how black text looks on a background with the RGB color 114, 100, 145.



This preview shows how white text looks on a background with the RGB color 114, 100, 145.

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, 100, 145

Protanopia

94, 106, 149

Deuteranopia

97, 106, 144



Tritanopia
108, 106, 114

Trichromacy



Original Color

114, 100, 145

Protanomaly

101, 104, 148

Deuteranomaly

103, 104, 144

Tritanomaly

110, 104, 125

Monochromacy



Original Color

114, 100, 145

Achromatopsia

109, 109, 109

Achromatomaly

111, 106, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 100, 145 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, 100, 145)` looks like.

```
.text, #text, p{  
    color:rgb(114, 100, 145)  
}
```

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, 100, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 100, 145) }
```

Border

The CSS property to change the border of an element to RGB 114, 100, 145 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, 100, 145) }
```

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

```
.border{ border-color:rgb(114, 100, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 100, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 100, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 100, 145);  
box-shadow:4px 4px 4px 4px rgb(114, 100,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 114, 100, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 100, 145) }
```

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

```
.background{ background-color: rgb(114,  
100, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor