Converting Colors

RGB(114, 90, 145)

Have a look what the booklet for RGB(114, 90, 145) contains.

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Color

RGB(114, 90, 145)

Conversions

Conversions Part 1

Format	Color
Hex	725A91
RGB	114, 90, 145
RGB Percent	45%, 35%, 57%
CMY	0.5529, 0.6471, 0.4314
CMYK	0.21, 0.38, 0.00, 0.43
HSL	266°, 23%, 46%
HSV	266°, 38%, 57%
XYZ	15.7064, 12.9341, 28.4568
YIQ	103.4460, -3.3510, 22.1930

Conversions

Conversions Part 2

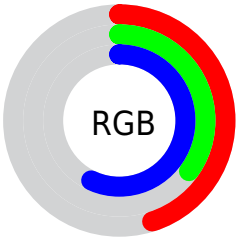
Format	Color
RYB	114, 90, 145
Decimal	7494289
CIELab	42.66, 21.52, -26.73
CIELCh	43, 34.312, 308.837
Yxy	12.9341, 0.2751, 0.2265
Android (android.graphics.Color)	4285684369 (0xFF725A91)
YUV	103.4460, 20.4861, 9.2559
Hunter-Lab	35.9640, 15.0188, -21.7389

Details

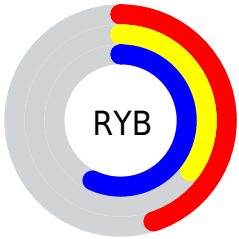
The RGB color 114, 90, 145 is a dark color, and the websafe version is hex 666699. A complement of this color would be 121, 145, 90, and the grayscale version is 103, 103, 103.

A 20% lighter version of the original color is 167, 140, 199, and 64, 44, 94 is the 20% darker color. If you saturate the color by 10%, you get 106, 76, 145, and if you desaturate by 10%, it is 122, 105, 145.

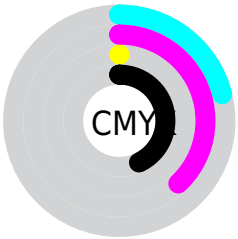
Distribution



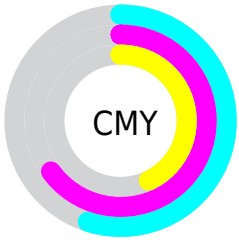
- Red (45%)
- Green (35%)
- Blue (57%)



- Red (45%)
- Yellow (35%)
- Blue (57%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)
- Black (43%)



- Cyan (55%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 90, 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, 90, 145 by changing the saturation by 10% instead.

114, 90, 145	114, 90, 145
255, 255, 255	89, 66, 119
167, 140, 199	64, 44, 94
194, 167, 227	41, 23, 70
223, 194, 255	21, 0, 48
251, 222, 255	0, 1, 26
255, 251, 255	0, 0, 0

114, 90, 145	114, 90, 145
106, 76, 145	122, 105, 145
98, 61, 145	130, 119, 145

89, 47, 145

81, 32, 145

73, 18, 145

65, 3, 145

63, 0, 145

139, 134, 145

147, 148, 145

155, 163, 145

163, 177, 145

171, 192, 145

179, 206, 145

188, 221, 145

Harmonies

Analogous

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

68, 101, 157

114, 90, 145

142, 80, 122

Triad

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

114, 90, 145

134, 92, 48

0, 115, 108

Complementary

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

114, 90, 145

121, 145, 90

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.

38, 114, 79

114, 90, 145

110, 102, 43

Square

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

114, 90, 145

150, 82, 67

79, 109, 55

0, 114, 135

Rectangle

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

114, 90, 145

152, 77, 103

79, 109, 55

0, 115, 99

Sweetspot

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

114, 90, 145

177, 168, 189

90, 121, 145

87, 82, 94

222, 222, 222

94, 94, 94

Same Dimension

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

114, 90, 145

140, 102, 189

141, 90, 145

67, 64, 71

59, 0, 135

3, 0, 8

Inverse Universe

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

145, 90, 121

189, 102, 151

94, 145, 90

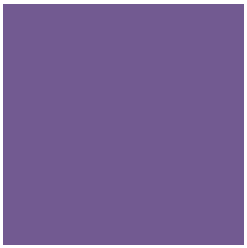
71, 64, 68

135, 0, 76

8, 0, 4

Previews

White Background

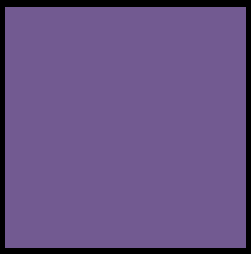


This preview shows how the RGB color 114, 90, 145 looks on a white background.

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



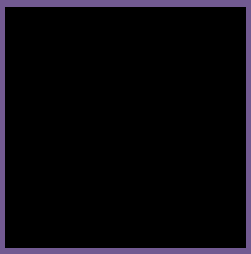
This preview shows how the RGB color 114, 90, 145 looks on a black background.

Color Contrast Check

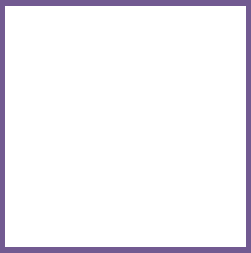
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 114, 90, 145 Background



This preview shows how black text looks on a background with the RGB color 114, 90, 145.

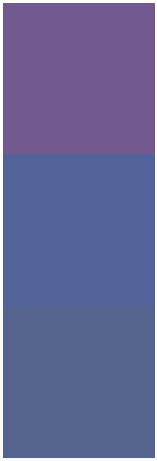


This preview shows how white text looks on a background with the RGB color 114, 90, 145.

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, 90, 145

Protanopia
82, 99, 153

Deuteranopia
85, 100, 143

Tritanopia
107, 98, 106

Trichromacy

Original Color
114, 90, 145

Protanomaly
94, 96, 150

Deuteranomaly
96, 96, 144

Tritanomaly
110, 95, 120

Monochromacy

Original Color
114, 90, 145

Achromatopsia
103, 103, 103

Achromatomaly
107, 98, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 90, 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, 90, 145) looks like.

```
.text, #text, p{
    color:rgb(114, 90, 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, 90, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 90, 145) }
```

Border

The CSS property to change the border of an element to RGB 114, 90, 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, 90, 145) }
```

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

```
.border{ border-color:rgb(114, 90, 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, 90, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 90, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 90, 145); box-shadow:4px 4px 4px 4px rgb(114, 90, 145) }
```

Background

The CSS property to change the background color of an element to RGB 114, 90, 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, 90, 145) }
```

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

```
.background{ background-color:rgb(114, 90,
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.

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