Converting Colors

RGB(128, 75, 145)

Have a look what the booklet for RGB(128, 75, 145) contains.

Color

RGB(128, 75, 145)

Conversions

Format	Color
Hex	804B91
RGB	128, 75, 145
RGB Percent	50%, 29%, 57%
CMY	0.4980, 0.7059, 0.4314
CMYK	0.12, 0.48, 0.00, 0.43
HSL	285°, 32%, 43%
HSV	285°, 48%, 57%
XYZ	16.5290, 11.6657, 28.1686
YIQ	98.8270, 9.1180, 33.0060

Conversions Part 1

Conversions

Conversions Part 2

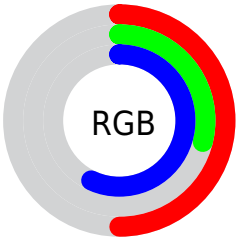
Format	Color
RYB	128, 75, 145
Decimal	8407953
CIELab	40.68, 34.78, -29.71
CIELCh	41, 45.743, 319.489
Yxy	11.6657, 0.2933, 0.2070
Android (android.graphics.Color)	4286598033 (0xFF804B91)
YUV	98.8270, 22.7633, 25.5847
Hunter-Lab	34.1551, 26.6119, -24.9895

Details

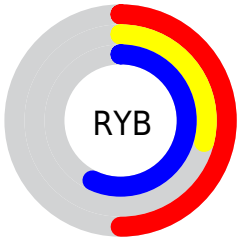
The RGB color 128, 75, 145 is a dark color, and the websafe version is hex 663366. A complement of this color would be 92, 145, 75, and the grayscale version is 99, 99, 99.

A 20% lighter version of the original color is 182, 125, 199, and 77, 27, 94 is the 20% darker color. If you saturate the color by 10%, you get 124, 61, 145, and if you desaturate by 10%, it is 132, 90, 145.

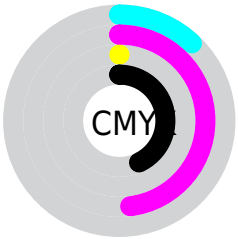
Distribution



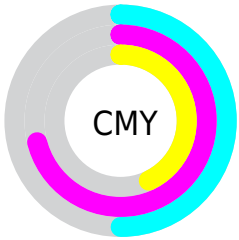
- Red (50%)
- Green (29%)
- Blue (57%)



- Red (50%)
- Yellow (29%)
- Blue (57%)



- Cyan (12%)
- Magenta (48%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (71%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 75, 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 128, 75, 145 by changing the saturation by 10% instead.

128, 75, 145	128, 75, 145
255, 255, 255	102, 51, 119
182, 125, 199	77, 27, 94
210, 152, 227	52, 2, 70
239, 179, 255	33, 0, 48
255, 207, 255	0, 1, 26
255, 235, 255	0, 0, 0

128, 75, 145	128, 75, 145
124, 61, 145	132, 90, 145
121, 46, 145	135, 104, 145

117, 31, 145

114, 17, 145

110, 2, 145

110, 0, 145

139, 118, 145

142, 133, 145

146, 147, 145

149, 162, 145

153, 177, 145

156, 191, 145

160, 206, 145

Harmonies

Analogous

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

70, 91, 167

128, 75, 145

157, 61, 111

Triad

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

128, 75, 145

126, 89, 13

0, 114, 120

Complementary

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

128, 75, 145

92, 145, 75

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, 113, 81

128, 75, 145

91, 101, 15

Square

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

128, 75, 145

151, 74, 40

45, 109, 44

0, 111, 152

Rectangle

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

128, 75, 145

163, 59, 86

45, 109, 44

0, 114, 107

Sweetspot

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

128, 75, 145

182, 162, 189

75, 93, 145

90, 78, 94

222, 222, 222

94, 94, 94

Same Dimension

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

128, 75, 145

162, 79, 189

145, 75, 127

70, 64, 71

102, 0, 135

6, 0, 8

Inverse Universe

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

145, 75, 92

189, 79, 106

75, 145, 93

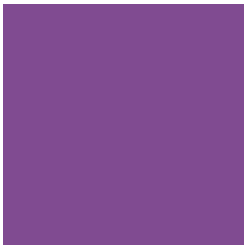
71, 64, 66

135, 0, 33

8, 0, 2

Previews

White Background

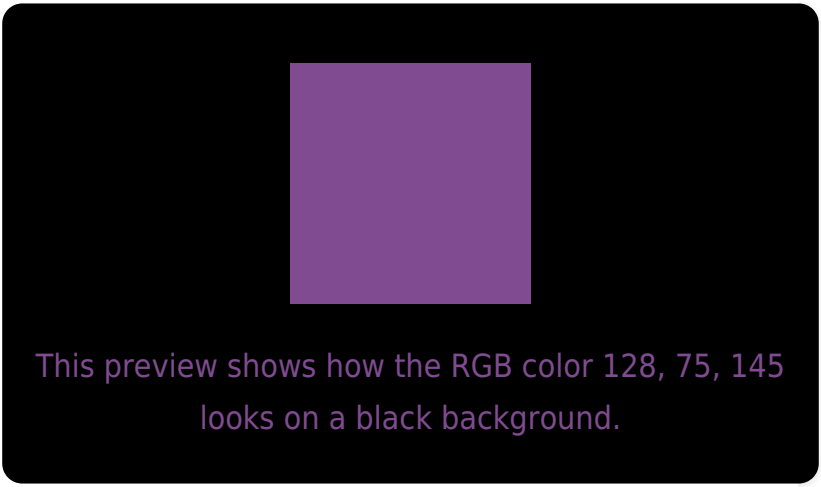


This preview shows how the RGB color 128, 75, 145 looks on a white background.

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

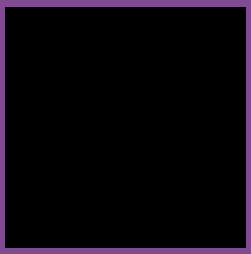


Color Contrast Check

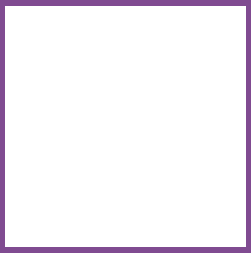
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 128, 75, 145 Background



This preview shows how black text looks on a background with the RGB color 128, 75, 145.



This preview shows how white text looks on a background with the RGB color 128, 75, 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

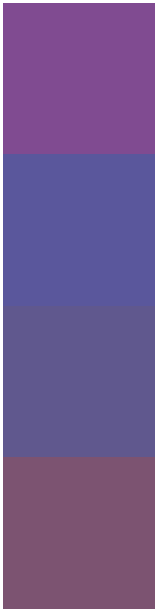
Original Color
128, 75, 145

Protanopia
68, 94, 162

Deuteranopia
77, 96, 141

Tritanopia
121, 87, 94

Trichromacy



Original Color
128, 75, 145

Protanomaly
90, 87, 156

Deuteranomaly
96, 88, 142

Tritanomaly
124, 83, 113

Monochromacy

Original Color
128, 75, 145

Achromatopsia
99, 99, 99

Achromatomaly
110, 90, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 75, 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(128, 75, 145) looks like.

```
.text, #text, p{
    color:rgb(128, 75, 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(128, 75, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 75, 145) }
```

Border

The CSS property to change the border of an element to RGB 128, 75, 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(128, 75, 145) }
```

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

```
.border{ border-color:rgb(128, 75, 145) }
```

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

Here you see how a box with a 4 pixel rgb(128, 75, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 75, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 75, 145); box-shadow:4px 4px 4px 4px rgb(128, 75, 145) }
```

Background

The CSS property to change the background color of an element to RGB 128, 75, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 75, 145) }
```

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

```
.background{ background-color:rgb(128, 75,
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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