Converting Colors

RGB(225, 128, 225)

Have a look what the booklet for RGB(225, 128, 225) contains.

Color

RGB(225, 128, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E180E1
RGB	225, 128, 225
RGB Percent	88%, 50%, 88%
CMY	0.1176, 0.4980, 0.1176
CMYK	0.00, 0.43, 0.00, 0.12
HSL	300°, 62%, 69%
HSV	300°, 43%, 88%
XYZ	52.3611, 36.8821, 75.5934
YIQ	168.0610, 26.6750, 50.7310

Conversions

Conversions Part 2

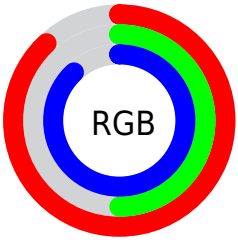
Format	Color
RYB	225, 128, 225
Decimal	14778593
CIELab	67.19, 51.31, -33.67
CIELCh	67, 61.370, 326.731
Yxy	36.8821, 0.3177, 0.2237
Android (android.graphics.Color)	4292968673 (0xFFE180E1)
YUV	168.0610, 28.0709, 49.9355
Hunter-Lab	60.7307, 47.6215, -31.2887

Details

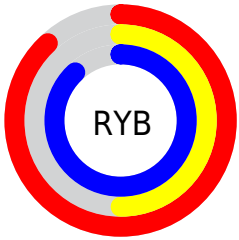
The RGB color 225, 128, 225 is a light color, and the websafe version is hex CC66CC. A complement of this color would be 128, 225, 128, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 255, 183, 255, and 168, 75, 169 is the 20% darker color. If you saturate the color by 10%, you get 225, 106, 225, and if you desaturate by 10%, it is 225, 151, 225.

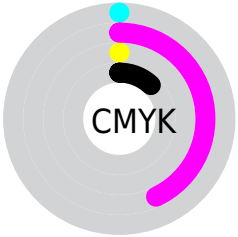
Distribution



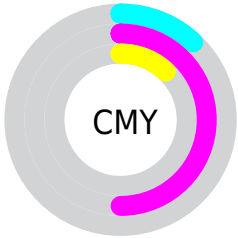
- Red (88%)
- Green (50%)
- Blue (88%)



- Red (88%)
- Yellow (50%)
- Blue (88%)



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



- Cyan (12%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 128, 225 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 225, 128, 225 by changing the saturation by 10% instead.

225, 128, 225

255, 255, 255

255, 183, 255

255, 212, 255

255, 241, 255

225, 128, 225

196, 101, 197

168, 75, 169

140, 48, 143

113, 16, 117

86, 0, 92

61, 0, 68

38, 0, 45

0, 1, 23

0, 0, 0

225, 128, 225	225, 128, 225
225, 106, 225	225, 151, 225
225, 83, 225	225, 173, 225
225, 60, 225	225, 195, 225
225, 38, 225	225, 218, 225
225, 16, 225	225, 240, 225
225, 0, 225	225, 255, 225

Harmonies

Analogous

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

154, 151, 255

225, 128, 225

255, 113, 172

Triad

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

225, 128, 225

198, 159, 43

0, 190, 212

Complementary

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

225, 128, 225

128, 225, 128

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, 190, 155

225, 128, 225

144, 175, 57

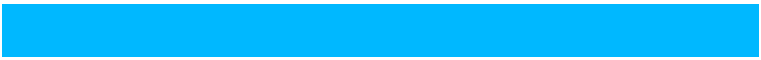
Square

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

225, 128, 225

239, 137, 71

68, 185, 100



0, 184, 255

Rectangle

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

225, 128, 225

255, 114, 135

68, 185, 100

0, 190, 194

Sweetspot

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

225, 128, 225

255, 222, 255

128, 128, 225

128, 107, 128

0, 0, 0

128, 128, 128

Same Dimension

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

225, 128, 225

255, 122, 255

225, 128, 177

112, 101, 112

176, 0, 176

48, 0, 48

Inverse Universe

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

225, 128, 225

255, 122, 255

128, 225, 177

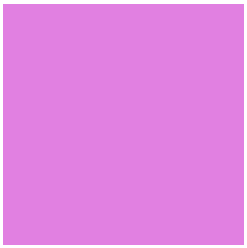
112, 101, 112

176, 0, 176

48, 0, 48

Previews

White Background

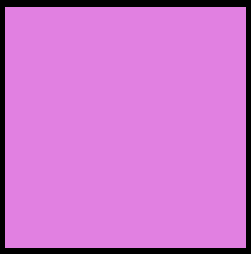


This preview shows how the RGB color 225, 128, 225 looks on a white background.

Color Contrast Check

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

Black Background



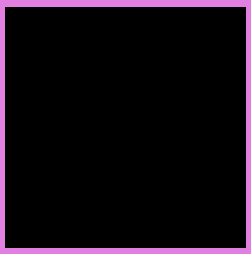
This preview shows how the RGB color 225, 128, 225 looks on a black background.

Color Contrast Check

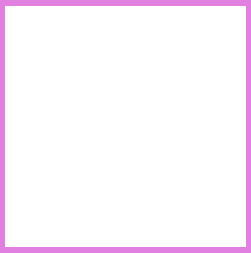
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 225, 128, 225 Background



This preview shows how black text looks on a background with the RGB color 225, 128, 225.

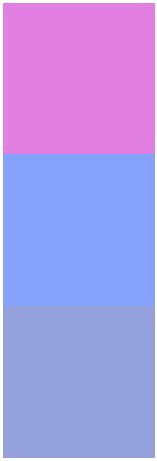


This preview shows how white text looks on a background with the RGB color 225, 128, 225.

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



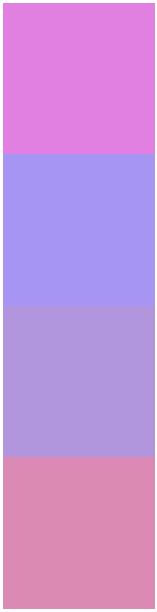
Original Color
225, 128, 225

Protanopia
132, 161, 252

Deuteranopia
149, 161, 219

Tritanopia
216, 144, 155

Trichromacy



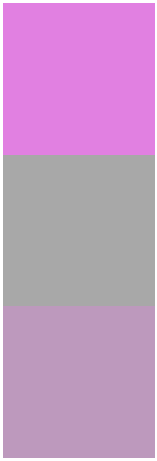
Original Color
225, 128, 225

Protanomaly
166, 149, 242

Deuteranomaly
177, 149, 221

Tritanomaly
219, 138, 180

Monochromacy



Original Color
225, 128, 225

Achromatopsia
168, 168, 168

Achromatomaly
189, 153, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 128, 225 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(225, 128, 225) looks like.

```
.text, #text, p{
    color:rgb(225, 128, 225)
}
```

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(225, 128, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 128, 225) }
```

Border

The CSS property to change the border of an element to RGB 225, 128, 225 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(225, 128, 225) }
```

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

```
.border{ border-color:rgb(225, 128, 225) }
```

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

Here you see how a box with a 4 pixel rgb(225, 128, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 128, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 128, 225); box-shadow:4px 4px 4px 4px rgb(225, 128, 225) }
```

Background

The CSS property to change the background color of an element to RGB 225, 128, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(225, 128, 225) }
```

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

```
.background{ background-color:rgb(225,
128, 225) }
```

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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