

Converting Colors

RGB(222, 33, 128)

Have a look what the booklet for
RGB(222, 33, 128) contains.

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Color

RGB(222, 33, 128)

Conversions

Conversions Part 1

Format	Color
Hex	DE2180
RGB	222, 33, 128
RGB Percent	87%, 13%, 50%
CMY	0.1294, 0.8706, 0.4980
CMYK	0.00, 0.85, 0.42, 0.13
HSL	330°, 74%, 50%
HSV	330°, 85%, 87%
XYZ	34.5643, 18.1758, 22.1086
YIQ	100.3410, 82.1490, 69.6130

Conversions

Conversions Part 2

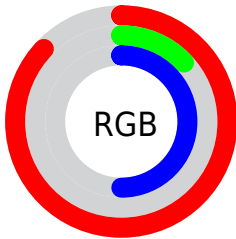
Format	Color
R_{YB}	222, 33, 128
Decimal	14557568
CIE _{Lab}	49.71, 73.66, -4.26
CIE _{LCh}	50, 73.785, 356.689
Yxy	18.1758, 0.4618, 0.2428
Android (android.graphics.Color)	4292747648 (0xFFDE2180)
YUV	100.3410, 13.6359, 106.6949
Hunter-Lab	42.6331, 70.1090, -0.9033

Details

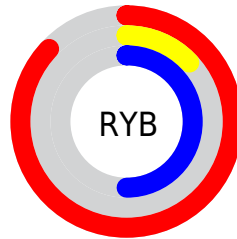
The RGB color **222, 33, 128** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **33, 222, 127**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **255, 103, 181**, and **161, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **222, 11, 117**, and if you desaturate by 10%, it is **222, 55, 139**.

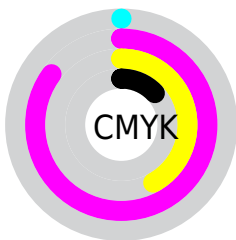
Distribution



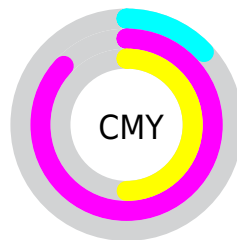
- Red (87%)
- Green (13%)
- Blue (50%)



- Red (87%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (85%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 33, 128 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 222, 33, 128 by changing the saturation by 10% instead.



222, 33, 128



222, 33, 128

255, 255, 255



191, 0, 103



255, 103, 181



161, 0, 79



255, 133, 208



131, 0, 56



255, 162, 236



101, 0, 35



255, 192, 255



74, 0, 13



255, 222, 255



42, 0, 1



255, 252, 255



0, 0, 0



222, 33, 128



222, 33, 128



222, 11, 117



222, 55, 139

■ 222, 0, 112

■ 222, 77, 150

■ 222, 100, 161

■ 222, 122, 172

■ 222, 144, 183

■ 222, 166, 194

■ 222, 188, 205

■ 222, 211, 216

■ 222, 233, 227

Harmonies

Analogous

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



185, 69, 188



222, 33, 128



223, 49, 66

Triad

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



222, 33, 128



89, 131, 0



0, 141, 223

Complementary

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



222, 33, 128



33, 222, 127

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, 145, 173



222, 33, 128



0, 140, 42

Square

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



222, 33, 128



149, 113, 0



0, 144, 109



0, 129, 245

Rectangle

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



222, 33, 128



207, 74, 24



0, 144, 109



0, 143, 209

Sweetspot

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



222, 33, 128



255, 189, 222



124, 33, 222



128, 88, 108



0, 0, 0



128, 128, 128

Same Dimension

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



222, 33, 128



255, 0, 128



222, 33, 36



112, 101, 107



176, 0, 88



48, 0, 24

Inverse Universe

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



222, 33, 128



255, 0, 128



33, 222, 219



112, 101, 107



176, 0, 88



48, 0, 24

Previews

White Background



This preview shows how the RGB color 222, 33, 128 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 222, 33, 128 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 222, 33, 128 Background



This preview shows how black text looks on a background with the RGB color 222, 33, 128.

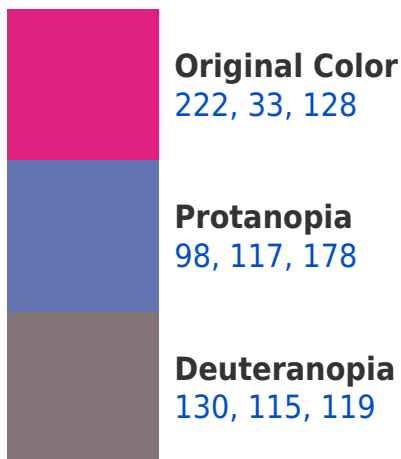


This preview shows how white text looks on a background with the RGB color 222, 33, 128.

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](#).

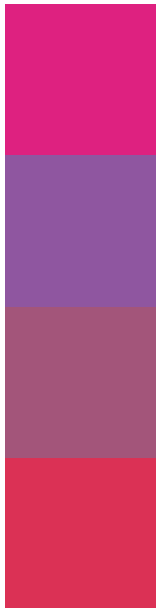
Dichromacy





Tritanopia
218, 58, 60

Trichromacy



Original Color

222, 33, 128

Protanomaly

143, 86, 160

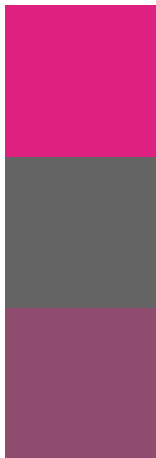
Deuteranomaly

163, 85, 122

Tritanomaly

219, 49, 85

Monochromacy



Original Color

222, 33, 128

Achromatopsia

100, 100, 100

Achromatomaly

144, 76, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 33, 128 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(222, 33, 128)` looks like.

```
.text, #text, p{  
    color:rgb(222, 33, 128)  
}
```

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(222, 33, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 33, 128) }
```

Border

The CSS property to change the border of an element to RGB 222, 33, 128 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(222, 33, 128) }
```

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

```
.border{ border-color:rgb(222, 33, 128) }
```

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

Here you see how a box with a 4 pixel rgb(222, 33, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 33, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 33, 128);  
box-shadow:4px 4px 4px 4px rgb(222, 33,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 222, 33, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 33, 128) }
```

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

```
.background{ background-color: rgb(222, 33,  
128) }
```

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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