Converting Colors

RGB(221, 44, 140)

Have a look what the booklet for RGB(221, 44, 140) contains.

Color

RGB(221, 44, 140)

Conversions

Conversions Part 1

Format	Color
Hex	DD2C8C
RGB	221, 44, 140
RGB Percent	87%, 17%, 55%
CMY	0.1333, 0.8275, 0.4510
CMYK	0.00, 0.80, 0.37, 0.13
HSL	327°, 72%, 52%
HSV	327°, 80%, 87%
XYZ	35.4531, 19.0670, 26.6226
YIQ	107.8670, 74.6760, 67.3800

Conversions

Conversions Part 2

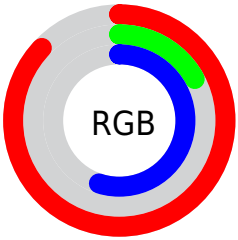
Format	Color
RYB	221, 44, 140
Decimal	14494860
CIELab	50.77, 72.14, -9.95
CIELCh	51, 72.823, 352.147
Yxy	19.0670, 0.4369, 0.2350
Android (android.graphics.Color)	4292684940 (0xFFDD2C8C)
YUV	107.8670, 15.8416, 99.2176
Hunter-Lab	43.6657, 68.5127, -5.5826

Details

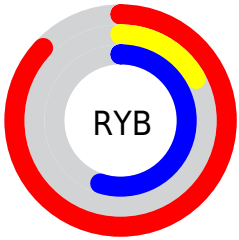
The RGB color 221, 44, 140 is a dark color, and the websafe version is hex FF3399. The color can be described as dark washed rose. A complement of this color would be 44, 221, 125, and the grayscale version is 108, 108, 108.

A 20% lighter version of the original color is 255, 109, 194, and 161, 0, 90 is the 20% darker color. If you saturate the color by 10%, you get 221, 22, 130, and if you desaturate by 10%, it is 221, 66, 150.

Distribution

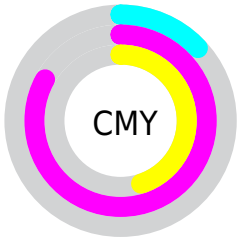


- Red (87%)
- Green (17%)
- Blue (55%)



- Red (87%)
- Yellow (17%)
- Blue (55%)

- Cyan (0%)
- Magenta (80%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 44, 140 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 221, 44, 140 by changing the saturation by 10% instead.

221, 44, 140

255, 255, 255

255, 109, 194

255, 139, 221

255, 168, 250

255, 198, 255

255, 227, 255

221, 44, 140

191, 0, 115

161, 0, 90

131, 0, 67

102, 0, 44

74, 0, 25

44, 0, 1

0, 0, 0

221, 44, 140

221, 22, 130

221, 44, 140

221, 66, 150

221, 0, 120

221, 88, 160

221, 110, 170

221, 132, 180

221, 155, 191

221, 177, 201

221, 199, 211

221, 221, 221

221, 243, 231

Harmonies

Analogous

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

178, 79, 198

221, 44, 140

227, 49, 78

Triad

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

221, 44, 140

103, 131, 0

0, 144, 219

Complementary

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

221, 44, 140

44, 221, 125

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, 148, 166

221, 44, 140

0, 142, 35

Square

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

221, 44, 140

160, 113, 0

0, 147, 102

0, 134, 245

Rectangle

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

221, 44, 140

214, 72, 39

0, 147, 102

0, 146, 204

Sweetspot

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

221, 44, 140

255, 194, 227

124, 44, 221

128, 91, 111

0, 0, 0

128, 128, 128

Same Dimension

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

221, 44, 140

255, 10, 143

221, 44, 53

110, 99, 105

173, 0, 94

46, 0, 25

Inverse Universe

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

221, 44, 140

255, 10, 143

44, 221, 212

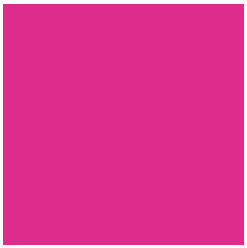
110, 99, 105

173, 0, 94

46, 0, 25

Previews

White Background

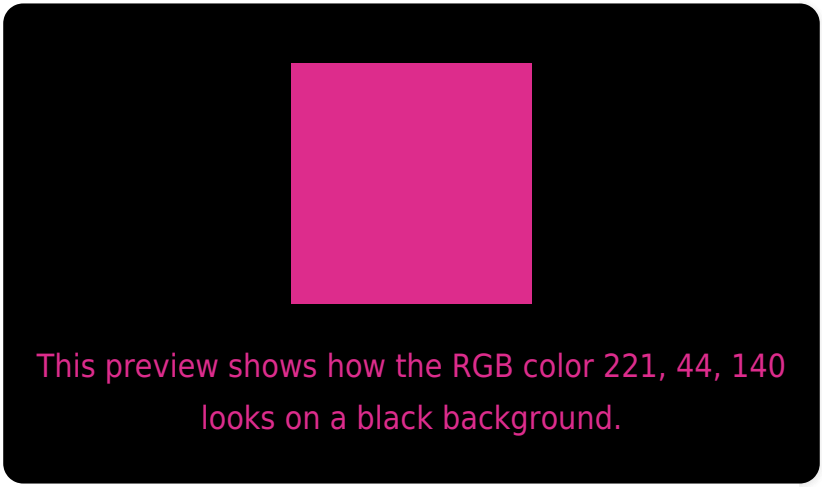


This preview shows how the RGB color 221, 44, 140 looks on a white background.

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

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 221, 44, 140 Background

This preview shows how black text looks on a background with the RGB color 221, 44, 140.

This preview shows how white text looks on a background with the RGB color 221, 44, 140.

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
221, 44, 140

Protanopia
96, 119, 190

Deuteranopia
129, 118, 131

Tritanopia
216, 67, 70

Trichromacy

Original Color
221, 44, 140

Protanomaly
141, 92, 172

Deuteranomaly
162, 91, 134

Tritanomaly
218, 59, 95

Monochromacy

Original Color
221, 44, 140

Achromatopsia
108, 108, 108

Achromatomaly
149, 85, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 44, 140 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(221, 44, 140) looks like.

```
.text, #text, p{
    color:rgb(221, 44, 140)
}
```

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(221, 44, 140) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(221, 44, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 44, 140) }
```

Border

The CSS property to change the border of an element to RGB 221, 44, 140 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(221, 44, 140) }
```

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

```
.border{ border-color:rgb(221, 44, 140) }
```

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

Here you see how a box with a 4 pixel rgb(221, 44, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 44, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 44, 140); box-shadow:4px 4px 4px 4px rgb(221, 44, 140) }
```

Background

The CSS property to change the background color of an element to RGB 221, 44, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(221, 44, 140) }
```

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

```
.background{ background-color:rgb(221, 44, 140) }
```

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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