Converting Colors

RGB(220, 31, 155)

Have a look what the booklet for RGB(220, 31, 155) contains.

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Color

RGB(220, 31, 155)

Conversions

Conversions Part 1

Format	Color
Hex	DC1F9B
RGB	220, 31, 155
RGB Percent	86%, 12%, 61%
CMY	0.1373, 0.8784, 0.3922
CMYK	0.00, 0.86, 0.30, 0.14
HSL	321°, 75%, 49%
HSV	321°, 86%, 86%
XYZ	35.9216, 18.5622, 32.6999
YIQ	101.6470, 72.8400, 78.6320

Conversions

Conversions Part 2

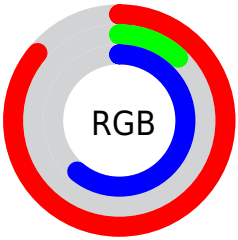
Format	Color
RYB	220, 31, 155
Decimal	14426011
CIELab	50.17, 76.28, -19.85
CIELCh	50, 78.820, 345.416
Yxy	18.5622, 0.4120, 0.2129
Android (android.graphics.Color)	4292616091 (0xFFDC1F9B)
YUV	101.6470, 26.3030, 103.7956
Hunter-Lab	43.0838, 73.4294, -14.8414

Details

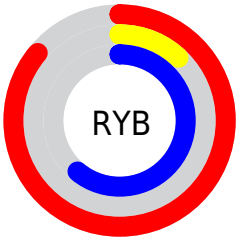
The RGB color 220, 31, 155 is a dark color, and the websafe version is hex CC0099. The color can be described as dark washed rose. A complement of this color would be 31, 220, 96, and the grayscale version is 101, 101, 101.

A 20% lighter version of the original color is 255, 103, 210, and 160, 0, 104 is the 20% darker color. If you saturate the color by 10%, you get 220, 9, 147, and if you desaturate by 10%, it is 220, 53, 163.

Distribution

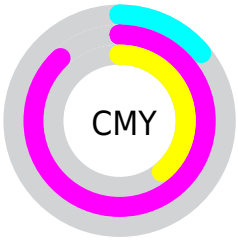


- Red (86%)
- Green (12%)
- Blue (61%)



- Red (86%)
- Yellow (12%)
- Blue (61%)

- Cyan (0%)
- Magenta (86%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (88%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 31, 155 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 220, 31, 155 by changing the saturation by 10% instead.

220, 31, 155

255, 255, 255

255, 103, 210

255, 133, 238

255, 163, 255

255, 192, 255

255, 222, 255

255, 253, 255

220, 31, 155

190, 0, 129

160, 0, 104

130, 0, 79

101, 0, 56

74, 0, 35

45, 0, 9

0, 0, 0

220, 31, 155

220, 9, 147

220, 31, 155

220, 53, 163

220, 0, 144

220, 75, 170

220, 97, 178

220, 119, 185

220, 141, 193

220, 163, 200

220, 185, 208

220, 207, 216

220, 229, 223

Harmonies

Analogous

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

163, 81, 215

220, 31, 155

234, 17, 88

Triad

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

220, 31, 155

113, 127, 0

0, 146, 215

Complementary

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

220, 31, 155

31, 220, 96

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, 153

220, 31, 155

0, 140, 0

Square

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

220, 31, 155

172, 104, 0

0, 146, 83

0, 137, 251

Rectangle

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

220, 31, 155

224, 53, 45

0, 146, 83

0, 147, 196

Sweetspot

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

220, 31, 155

255, 189, 232

94, 31, 220

128, 88, 114

0, 0, 0

128, 128, 128

Same Dimension

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

220, 31, 155

255, 0, 167

220, 31, 63

110, 99, 106

173, 0, 114

46, 0, 30

Inverse Universe

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

220, 31, 155

255, 0, 167

31, 220, 188

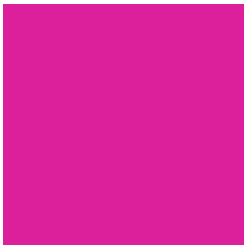
110, 99, 106

173, 0, 114

46, 0, 30

Previews

White Background

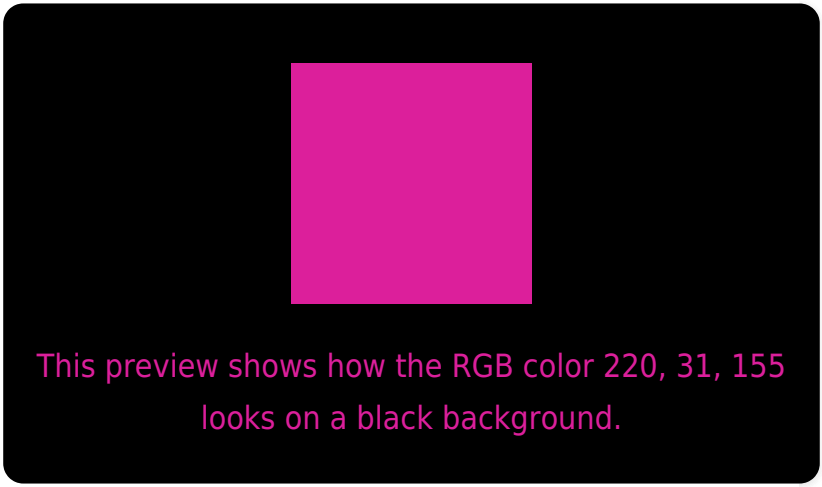


This preview shows how the RGB color 220, 31, 155 looks on a white background.

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 220, 31, 155 Background

This preview shows how black text looks on a background with the RGB color 220, 31, 155.

This preview shows how white text looks on a background with the RGB color 220, 31, 155.

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
220, 31, 155

Protanopia
74, 117, 215

Deuteranopia
119, 118, 145

Tritanopia
214, 66, 70

Trichromacy

Original Color
220, 31, 155

Protanomaly
127, 86, 193

Deuteranomaly
156, 86, 149

Tritanomaly
216, 53, 101

Monochromacy

Original Color
220, 31, 155

Achromatopsia
102, 102, 102

Achromatomaly
145, 76, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 31, 155 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(220, 31, 155) looks like.

```
.text, #text, p{
    color:rgb(220, 31, 155)
}
```

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(220, 31, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 31, 155) }
```

Border

The CSS property to change the border of an element to RGB 220, 31, 155 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(220, 31, 155) }
```

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

```
.border{ border-color:rgb(220, 31, 155) }
```

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

Here you see how a box with a 4 pixel rgb(220, 31, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 31, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 31, 155); box-shadow:4px 4px 4px 4px rgb(220, 31, 155) }
```

Background

The CSS property to change the background color of an element to RGB 220, 31, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(220, 31, 155) }
```

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

```
.background{ background-color:rgb(220, 31, 155) }
```

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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