Converting Colors

RGB(223, 37, 130)

Have a look what the booklet for RGB(223, 37, 130) contains.

Color

RGB(223, 37, 130)

Conversions

Conversions Part 1

Format	Color
Hex	DF2582
RGB	223, 37, 130
RGB Percent	87%, 15%, 51%
CMY	0.1255, 0.8549, 0.4902
CMYK	0.00, 0.83, 0.42, 0.13
HSL	330°, 74%, 51%
HSV	330°, 83%, 87%
XYZ	35.1223, 18.6228, 22.8625
YIQ	103.2160, 81.0030, 68.3550

Conversions

Conversions Part 2

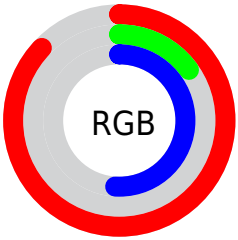
Format	Color
RYB	223, 37, 130
Decimal	14624130
CIELab	50.24, 73.27, -4.66
CIELCh	50, 73.417, 356.360
Yxy	18.6228, 0.4585, 0.2431
Android (android.graphics.Color)	4292814210 (0xFFDF2582)
YUV	103.2160, 13.2045, 105.0506
Hunter-Lab	43.1542, 69.7576, -1.2031

Details

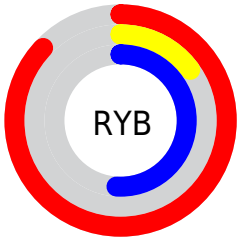
The RGB color 223, 37, 130 is a dark color, and the websafe version is hex CC0066. The color can be described as dark washed rose. A complement of this color would be 37, 223, 130, and the grayscale version is 103, 103, 103.

A 20% lighter version of the original color is 255, 105, 183, and 162, 0, 81 is the 20% darker color. If you saturate the color by 10%, you get 223, 15, 119, and if you desaturate by 10%, it is 223, 59, 141.

Distribution

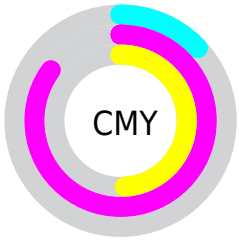


- Red (87%)
- Green (15%)
- Blue (51%)



- Red (87%)
- Yellow (15%)
- Blue (51%)

- Cyan (0%)
- Magenta (83%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (85%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 37, 130 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 223, 37, 130 by changing the saturation by 10% instead.

223, 37, 130

255, 255, 255

255, 105, 183

255, 135, 210

255, 165, 239

255, 194, 255

255, 224, 255

255, 254, 255

223, 37, 130

192, 0, 105

162, 0, 81

132, 0, 58

102, 0, 37

75, 0, 15

44, 0, 1

0, 0, 0

223, 37, 130

223, 15, 119

223, 37, 130

223, 59, 141

223, 0, 112

223, 82, 152

223, 104, 163

223, 126, 175

223, 149, 186

223, 171, 197

223, 193, 208

223, 215, 219

223, 238, 230

Harmonies

Analogous

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

185, 71, 190

223, 37, 130

224, 51, 68

Triad

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

223, 37, 130

91, 132, 0

0, 142, 224

Complementary

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

223, 37, 130

37, 223, 130

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, 146, 174

223, 37, 130

0, 141, 43

Square

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

223, 37, 130

151, 114, 0

0, 146, 110

0, 130, 246

Rectangle

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

223, 37, 130

209, 75, 27

0, 146, 110

0, 144, 210

Sweetspot

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

223, 37, 130

255, 191, 223

130, 37, 223

128, 89, 108

0, 0, 0

128, 128, 128

Same Dimension

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

223, 37, 130

255, 0, 128

223, 37, 37

112, 101, 107

176, 0, 88

48, 0, 24

Inverse Universe

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

223, 37, 130

255, 0, 128

37, 223, 223

112, 101, 107

176, 0, 88

48, 0, 24

Previews

White Background

This preview shows how the RGB color 223, 37, 130 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

This preview shows how the RGB color 223, 37, 130 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 223, 37, 130 Background

This preview shows how black text looks on a background with the RGB color 223, 37, 130.

This preview shows how white text looks on a background with the RGB color 223, 37, 130.

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
223, 37, 130

Protanopia
99, 118, 180

Deuteranopia
132, 116, 121

Tritanopia
219, 60, 63

Trichromacy

Original Color
223, 37, 130

Protanomaly
144, 89, 162

Deuteranomaly
165, 87, 124

Tritanomaly
220, 52, 87

Monochromacy

Original Color
223, 37, 130

Achromatopsia
103, 103, 103

Achromatomaly
147, 79, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 37, 130 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(223, 37, 130) looks like.

```
.text, #text, p{
    color:rgb(223, 37, 130)
}
```

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(223, 37, 130) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(223, 37, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 37, 130) }
```

Border

The CSS property to change the border of an element to RGB 223, 37, 130 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(223, 37, 130) }
```

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

```
.border{ border-color:rgb(223, 37, 130) }
```

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

Here you see how a box with a 4 pixel rgb(223, 37, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 37, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 37, 130); box-shadow:4px 4px 4px 4px rgb(223, 37, 130) }
```

Background

The CSS property to change the background color of an element to RGB 223, 37, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(223, 37, 130) }
```

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

```
.background{ background-color:rgb(223, 37, 130) }
```

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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