

Converting Colors

RGB(219, 36, 129)

Have a look what the booklet for
RGB(219, 36, 129) contains.

RGB(219, 36, 129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(219, 36, 129)

Conversions

Conversions Part 1

Format	Color
Hex	DB2481
RGB	219, 36, 129
RGB Percent	86%, 14%, 51%
CMY	0.1412, 0.8588, 0.4941
CMYK	0.00, 0.84, 0.41, 0.14
HSL	330°, 72%, 50%
HSV	330°, 84%, 86%
XYZ	33.8067, 17.9068, 22.4434
YIQ	101.3190, 79.2150, 67.7190

Conversions

Conversions Part 2

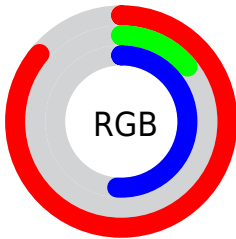
Format	Color
R_{YB}	219, 36, 129
Decimal	14361729
CIE _{Lab}	49.38, 72.44, -5.41
CIE _{LCh}	49, 72.642, 355.726
Yxy	17.9068, 0.4559, 0.2415
Android (android.graphics.Color)	4292551809 (0xFFDB2481)
YUV	101.3190, 13.6467, 103.2062
Hunter-Lab	42.3164, 68.5505, -1.8242

Details

The RGB color **219, 36, 129** 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 **36, 219, 126**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **255, 104, 182**, and **158, 0, 80** is the 20% darker color. If you saturate the color by 10%, you get **219, 14, 118**, and if you desaturate by 10%, it is **219, 58, 140**.

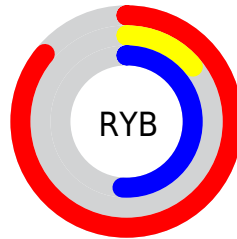
Distribution



Red (86%)

Green (14%)

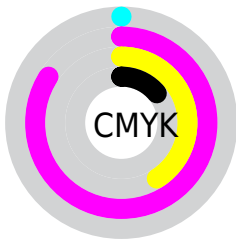
Blue (51%)



Red (86%)

Yellow (14%)

Blue (51%)

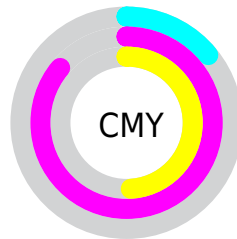


Cyan (0%)

Magenta (84%)

Yellow (41%)

Black (14%)



Cyan (14%)

Magenta (86%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 36, 129 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 219, 36, 129 by changing the saturation by 10% instead.



219, 36, 129



219, 36, 129

255, 255, 255



188, 0, 104



255, 104, 182



158, 0, 80



255, 134, 209



128, 0, 57



255, 163, 238



99, 0, 36



255, 193, 255



72, 0, 14



255, 223, 255



40, 0, 1



255, 253, 255



0, 0, 0



219, 36, 129



219, 36, 129



219, 14, 118



219, 58, 140

■ 219, 0, 111

■ 219, 80, 151

■ 219, 102, 161

■ 219, 124, 172

■ 219, 146, 183

■ 219, 167, 194

■ 219, 189, 204

■ 219, 211, 215

■ 219, 233, 226

Harmonies

Analogous

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



181, 70, 188



219, 36, 129



221, 49, 68

Triad

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



219, 36, 129



91, 129, 0



0, 140, 219

Complementary

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



219, 36, 129



36, 219, 126

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, 144, 170



219, 36, 129



0, 139, 40

Square

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



219, 36, 129



150, 112, 0



0, 143, 106



0, 128, 242

Rectangle

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



219, 36, 129



206, 73, 27



0, 143, 106



0, 142, 205

Sweetspot

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



219, 36, 129



255, 191, 224



124, 36, 219



128, 89, 109



0, 0, 0



128, 128, 128

Same Dimension

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



219, 36, 129



255, 0, 130



219, 36, 39



110, 99, 104



173, 0, 88



46, 0, 23

Inverse Universe

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



219, 36, 129



255, 0, 130



36, 219, 216



110, 99, 104



173, 0, 88



46, 0, 23

Previews

White Background



This preview shows how the RGB color 219, 36, 129 looks on a white background.

Color Contrast Check

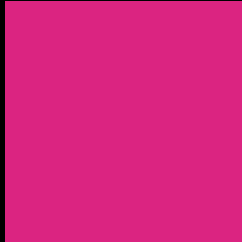
Large Text (above 18pt) WCAG AA ✓ Pass

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 219, 36, 129 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 219, 36, 129 Background



This preview shows how black text looks on a background with the RGB color 219, 36, 129.

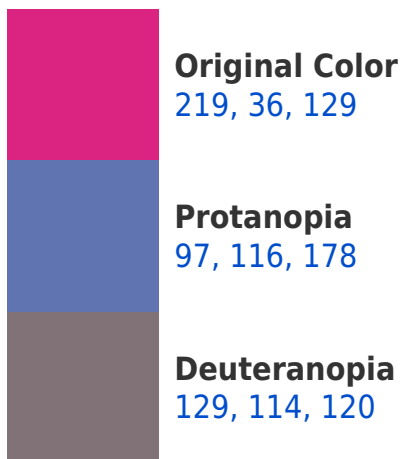


This preview shows how white text looks on a background with the RGB color 219, 36, 129.

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
215, 59, 62

Trichromacy



Original Color

219, 36, 129



Protanomaly

141, 87, 160



Deuteranomaly

162, 86, 123



Tritanomaly

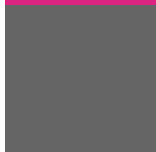
216, 51, 86

Monochromacy



Original Color

219, 36, 129



Achromatopsia

101, 101, 101



Achromatomaly

144, 77, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 36, 129 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(219, 36, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 36, 129)  
}
```

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(219, 36, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 36, 129) }
```

Border

The CSS property to change the border of an element to RGB 219, 36, 129 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(219, 36, 129) }
```

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

```
.border{ border-color:rgb(219, 36, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 36, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 36, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 36, 129); box-shadow:4px 4px 4px 4px rgb(219, 36, 129) }
```

Background

The CSS property to change the background color of an element to RGB 219, 36, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 36, 129) }
```

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

```
.background{ background-color: rgb(219, 36,  
129) }
```

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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