

Converting Colors

RGB(219, 36, 102)

Have a look what the booklet for
RGB(219, 36, 102) contains.

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Color

RGB(219, 36, 102)

Conversions

Conversions Part 1

Format	Color
Hex	DB2466
RGB	219, 36, 102
RGB Percent	86%, 14%, 40%
CMY	0.1412, 0.8588, 0.6000
CMYK	0.00, 0.84, 0.53, 0.14
HSL	338°, 72%, 50%
HSV	338°, 84%, 86%
XYZ	32.2426, 17.2811, 14.2066
YIQ	98.2410, 87.8820, 59.3220

Conversions

Conversions Part 2

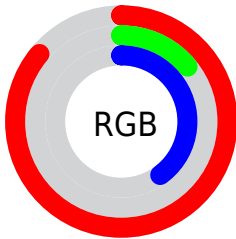
Format	Color
R_{YB}	219, 36, 102
Decimal	14361702
CIE _{Lab}	48.61, 70.21, 9.96
CIE _{LCh}	49, 70.914, 8.075
Yxy	17.2811, 0.5059, 0.2712
Android (android.graphics.Color)	4292551782 (0xFFDB2466)
YUV	98.2410, 1.8532, 105.9056
Hunter-Lab	41.5706, 65.6979, 8.8373

Details

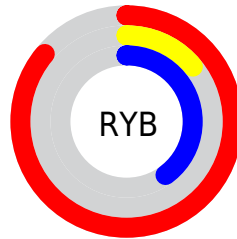
The RGB color **219, 36, 102** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **36, 219, 153**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **255, 103, 153**, and **157, 0, 56** is the 20% darker color. If you saturate the color by 10%, you get **219, 14, 88**, and if you desaturate by 10%, it is **219, 58, 116**.

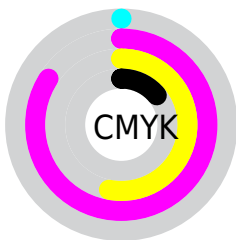
Distribution



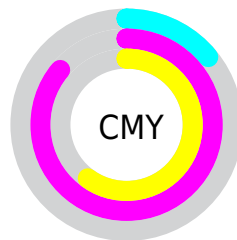
- Red (86%)
- Green (14%)
- Blue (40%)



- Red (86%)
- Yellow (14%)
- Blue (40%)



- Cyan (0%)
- Magenta (84%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 36, 102 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, 102 by changing the saturation by 10% instead.

 219, 36, 102

 219, 36, 102

255, 255, 255

 188, 0, 78

 255, 103, 153

 157, 0, 56

 255, 133, 179

 127, 0, 35

 255, 162, 207

 97, 0, 13

 255, 191, 235

 68, 0, 3

 255, 221, 255

 35, 0, 1

 255, 251, 255

 0, 0, 0

 219, 36, 102

 219, 36, 102

 219, 14, 88

 219, 58, 116

■ 219, 0, 79

■ 219, 80, 130

■ 219, 102, 144

■ 219, 124, 158

■ 219, 146, 172

■ 219, 167, 186

■ 219, 189, 200

■ 219, 211, 214

■ 219, 233, 228

Harmonies

Analogous

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



198, 55, 162



219, 36, 102



208, 64, 44

Triad

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



219, 36, 102



57, 132, 0



0, 134, 227

Complementary

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



219, 36, 102



36, 219, 153

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, 140, 189



219, 36, 102



0, 139, 67

Square

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



219, 36, 102



125, 118, 0



0, 141, 131



0, 118, 236

Rectangle

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



219, 36, 102



188, 86, 0



0, 141, 131



0, 137, 217

Sweetspot

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



219, 36, 102



255, 191, 214



152, 36, 219



128, 89, 103



0, 0, 0



128, 128, 128

Same Dimension

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



219, 36, 102



255, 0, 92



219, 60, 36



110, 99, 103



173, 0, 63



46, 0, 17

Inverse Universe

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



219, 36, 102



255, 0, 92



36, 195, 219



110, 99, 103



173, 0, 63



46, 0, 17

Previews

White Background



This preview shows how the RGB color 219, 36, 102 looks on a white background.

Color Contrast Check

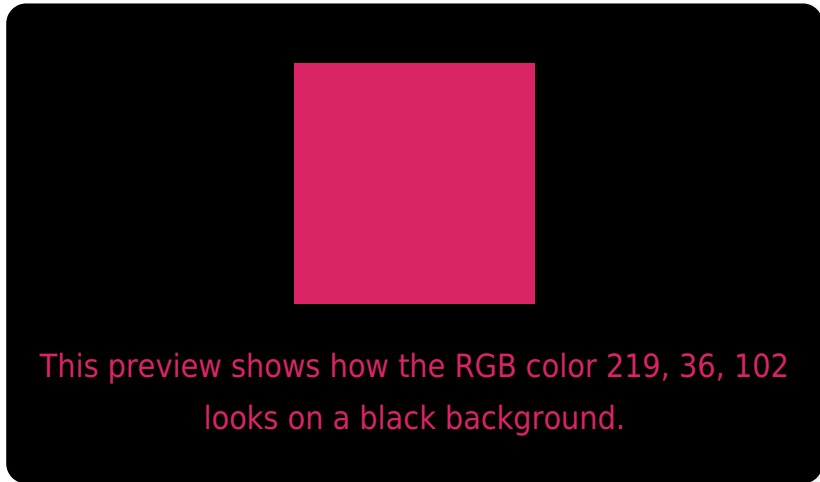
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

RGB 219, 36, 102 Background



This preview shows how black text looks on a background with the RGB color 219, 36, 102.



This preview shows how white text looks on a background with the RGB color 219, 36, 102.

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
219, 36, 102

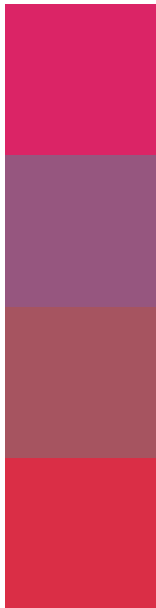
Protanopia
110, 115, 142

Deuteranopia
135, 112, 93



Tritanopia
217, 51, 52

Trichromacy



Original Color

219, 36, 102

Protanomaly

150, 86, 127

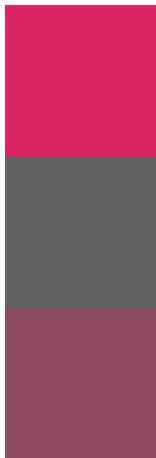
Deuteranomaly

166, 84, 96

Tritanomaly

218, 46, 70

Monochromacy



Original Color

219, 36, 102

Achromatopsia

98, 98, 98

Achromatomaly

142, 75, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 36, 102 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(219, 36, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 36, 102) }
```

Border

The CSS property to change the border of an element to RGB 219, 36, 102 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, 102) }
```

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

```
.border{ border-color:rgb(219, 36, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 36, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 36, 102);  
box-shadow:4px 4px 4px 4px rgb(219, 36,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 219, 36, 102 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, 102) }
```

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

```
.background{ background-color: rgb(219, 36,  
102) }
```

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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