

Converting Colors

RGB(219, 4, 70)

Have a look what the booklet for
RGB(219, 4, 70) contains.

RGB(219, 4, 70)	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, 4, 70)

Conversions

Conversions Part 1

Format	Color
Hex	DB0446
RGB	219, 4, 70
RGB Percent	86%, 2%, 27%
CMY	0.1412, 0.9843, 0.7255
CMYK	0.00, 0.98, 0.68, 0.14
HSL	342°, 96%, 44%
HSV	342°, 98%, 86%
XYZ	30.3623, 15.5891, 7.2031
YIQ	75.8090, 106.9540, 66.1060

Conversions

Conversions Part 2

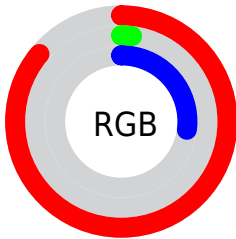
Format	Color
RYB	219, 4, 70
Decimal	14353478
CIELab	46.43, 72.70, 26.75
CIElCh	46, 77.465, 20.202
Yxy	15.5891, 0.5712, 0.2933
Android (android.graphics.Color)	4292543558 (0xFFDB0446)
YUV	75.8090, -2.8638, 125.5785
Hunter-Lab	39.4830, 68.1706, 16.8216

Details

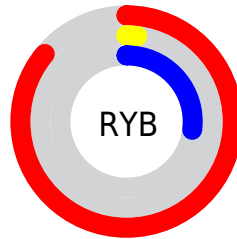
The RGB color **219, 4, 70** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4, 219, 153**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **255, 91, 118**, and **155, 0, 28** is the 20% darker color. If you saturate the color by 10%, you get **219, 0, 67**, and if you desaturate by 10%, it is **219, 26, 85**.

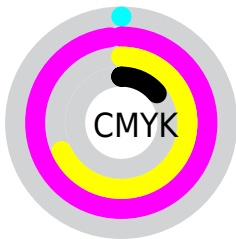
Distribution



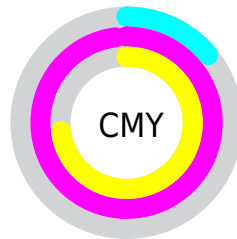
- Red (86%)
- Green (2%)
- Blue (27%)



- Red (86%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the RGB color 219, 4, 70 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, 4, 70 by changing the saturation by 10% instead.

 219, 4, 70  219, 4, 70

255, 255, 255  187, 0, 48

 255, 91, 118  155, 0, 28


 255, 121, 143  124, 0, 3

 255, 151, 170  93, 0, 2

 255, 180, 197  63, 0, 3

 255, 210, 225  27, 0, 1

 255, 240, 254  0, 0, 0

 219, 4, 70  219, 4, 70

 219, 0, 67  219, 26, 85


 219, 48, 100


 219, 70, 116

 219, 92, 131

 219, 114, 146

 219, 135, 161

 219, 157, 176

 219, 179, 191

 219, 201, 207

Harmonies

Analogous

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



212, 0, 134



219, 4, 70



196, 66, 0

Triad

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



219, 4, 70



0, 131, 1



0, 125, 240

Complementary

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



219, 4, 70



4, 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, 135, 210



219, 4, 70



0, 136, 86

Square

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



219, 4, 70



93, 120, 0



0, 137, 153



1, 103, 234

Rectangle

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



219, 4, 70



168, 90, 0



0, 137, 153



0, 129, 234

Sweetspot

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



219, 4, 70



255, 181, 204



151, 4, 219



128, 83, 97



0, 0, 0



128, 128, 128

Same Dimension

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



219, 4, 70



255, 0, 78



219, 43, 4



110, 99, 102



173, 0, 53



46, 0, 14

Inverse Universe

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



219, 4, 70



255, 0, 78



4, 180, 219



110, 99, 102



173, 0, 53



46, 0, 14

Previews

White Background



This preview shows how the RGB color 219, 4, 70 looks on a white background.

Color Contrast Check

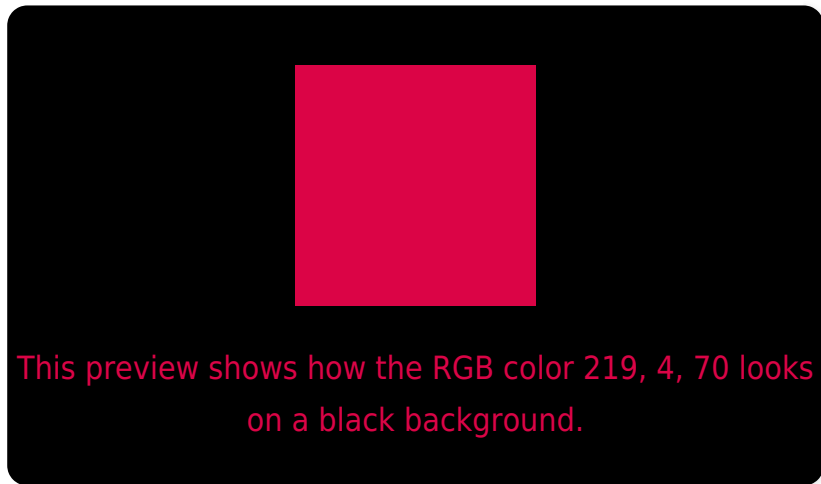
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4, 70 Background



This preview shows how black text looks on a background with the RGB color 219, 4, 70.



This preview shows how white text looks on a background with the RGB color 219, 4, 70.

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, 4, 70

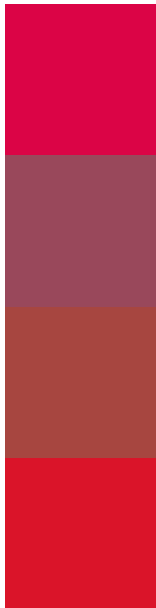
Protanopia
116, 111, 103

Deuteranopia
137, 107, 60



Tritanopia
218, 29, 24

Trichromacy



Original Color

219, 4, 70

Protanomaly

153, 72, 91

Deuteranomaly

167, 70, 64

Tritanomaly

218, 20, 41

Monochromacy



Original Color

219, 4, 70

Achromatopsia

76, 76, 76

Achromatomaly

128, 50, 74

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 4, 70 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, 4, 70)` looks like.

```
.text, #text, p{  
    color:rgb(219, 4, 70)  
}
```

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, 4, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 4, 70) }
```

Border

The CSS property to change the border of an element to RGB 219, 4, 70 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, 4, 70) }
```

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

```
.border{ border-color:rgb(219, 4, 70) }
```

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

Here you see how a box with a 4 pixel rgb(219, 4, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 4, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 4, 70);  
box-shadow:4px 4px 4px 4px rgb(219, 4, 70)  
}
```

Background

The CSS property to change the background color of an element to RGB 219, 4, 70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 4, 70) }
```

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

```
.background{ background-color: rgb(219, 4,  
70) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor