

Converting Colors

RGB(69, 79, 119)

Have a look what the booklet for
RGB(69, 79, 119) contains.

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Color

RGB(69, 79, 119)

Conversions

Conversions Part 1

Format	Color
Hex	454F77
RGB	69, 79, 119
RGB Percent	27%, 31%, 47%
CMY	0.7294, 0.6902, 0.5333
CMYK	0.42, 0.34, 0.00, 0.53
HSL	228°, 27%, 37%
HSV	228°, 42%, 47%
XYZ	8.5800, 8.1891, 18.5812
YIQ	80.5700, -18.8000, 10.3200

Conversions

Conversions Part 2

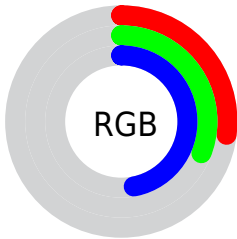
Format	Color
RYB	69, 77, 119
Decimal	4542327
CIELab	34.37, 7.17, -24.08
CIElCh	34, 25.128, 286.573
Yxy	8.1891, 0.2427, 0.2317
Android (android.graphics.Color)	4282732407 (0xFF454F77)
YUV	80.5700, 18.9460, -10.1469
Hunter-Lab	28.6166, 3.4400, -18.4663

Details

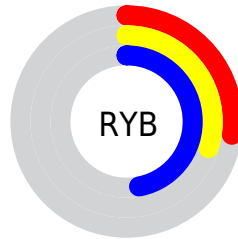
The RGB color **69, 79, 119** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **119, 109, 69**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **119, 128, 171**, and **20, 35, 70** is the 20% darker color. If you saturate the color by 10%, you get **57, 69, 119**, and if you desaturate by 10%, it is **81, 89, 119**.

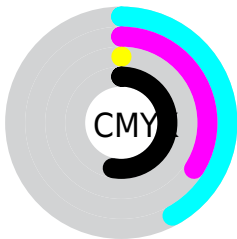
Distribution



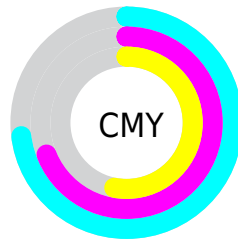
- Red (27%)
- Green (31%)
- Blue (47%)



- Red (27%)
- Yellow (30%)
- Blue (47%)



- Cyan (42%)
- Magenta (34%)
- Yellow (0%)
- Black (53%)






















- Cyan (73%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 69, 79, 119 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 69, 79, 119 by changing the saturation by 10% instead.

 69, 79, 119	 69, 79, 119
 255, 255, 255	 45, 56, 94
 119, 128, 171	 20, 35, 70
 146, 154, 199	 0, 13, 48
 173, 181, 227	 0, 1, 26
 200, 208, 255	 0, 0, 0
 229, 236, 255	

 69, 79, 119	 69, 79, 119
 57, 69, 119	 81, 89, 119
 45, 60, 119	 93, 98, 119

■ 33, 50, 119

■ 105, 108, 119

■ 21, 41, 119

■ 117, 117, 119

■ 9, 31, 119

■ 128, 127, 119

■ 0, 24, 119

■ 140, 136, 119

■ 152, 146, 119

■ 164, 155, 119

■ 176, 165, 119

Harmonies

Analogous

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



30, 85, 119



69, 79, 119



97, 72, 108

Triad

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



69, 79, 119



114, 70, 53



32, 91, 71

Complementary

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



69, 79, 119



119, 109, 69

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.



60, 88, 53



69, 79, 119



101, 77, 42

Square

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



69, 79, 119



119, 65, 70



82, 83, 42



0, 91, 92

Rectangle

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



69, 79, 119



109, 67, 97



82, 83, 42



42, 90, 64

Sweetspot

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



69, 79, 119



135, 139, 156



69, 119, 109



66, 69, 79



207, 207, 207



79, 79, 79

Same Dimension

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



69, 79, 119



78, 93, 156



84, 69, 119



53, 54, 59



0, 24, 122



0, 50, 250

Inverse Universe

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



119, 69, 79



156, 78, 93



104, 119, 69



59, 53, 54



122, 0, 24



250, 0, 50

Previews

White Background



This preview shows how the RGB color 69, 79, 119 looks on a white background.

Color Contrast Check

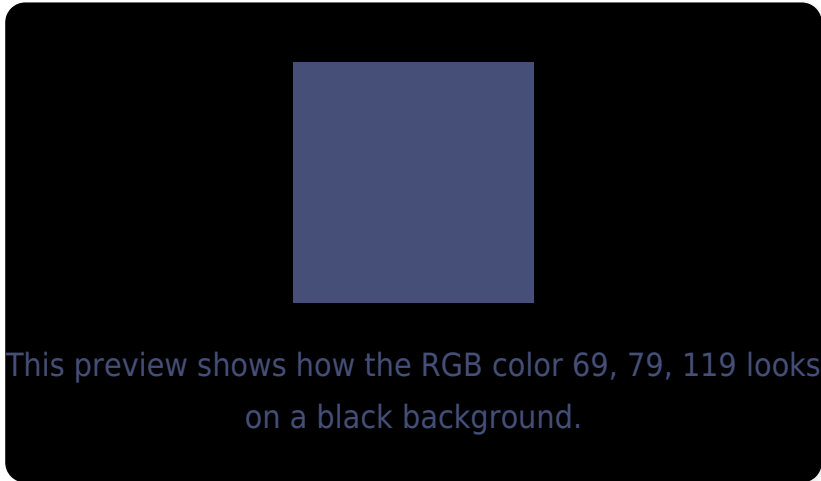
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

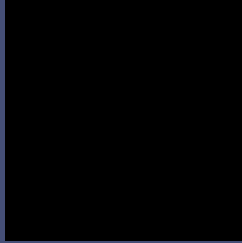
Any Text WCAG AA × Fail

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 69, 79, 119 Background



This preview shows how black text looks on a background with the RGB color 69, 79, 119.

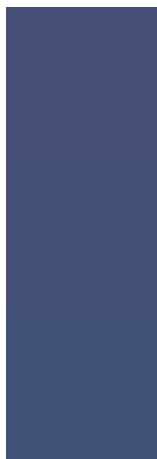


This preview shows how white text looks on a background with the RGB color 69, 79, 119.

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


69, 79, 119

Protanopia

67, 79, 119

Deuteranopia

64, 80, 119



Tritanopia
62, 85, 91

Trichromacy



Original Color

69, 79, 119

Protanomaly

68, 79, 119

Deuteranomaly

66, 80, 119

Tritanomaly

65, 83, 101

Monochromacy



Original Color

69, 79, 119

Achromatopsia

81, 81, 81

Achromatomaly

77, 80, 95

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 79, 119 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(69, 79, 119) looks like.

```
.text, #text, p{  
    color:rgb(69, 79, 119)  
}
```

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(69, 79, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 79, 119) }
```

Border

The CSS property to change the border of an element to RGB 69, 79, 119 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(69, 79, 119) }
```

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

```
.border{ border-color:rgb(69, 79, 119) }
```

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

Here you see how a box with a 4 pixel rgb(69, 79, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 79, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 79, 119);  
box-shadow:4px 4px 4px 4px rgb(69, 79,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 69, 79, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 79, 119) }
```

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

```
.background{ background-color: rgb(69, 79,  
119) }
```

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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