

Converting Colors

RGB(69, 100, 156)

Have a look what the booklet for
RGB(69, 100, 156) contains.

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Color

RGB(69, 100, 156)

Conversions

Conversions Part 1

Format	Color
Hex	45649C
RGB	69, 100, 156
RGB Percent	27%, 39%, 61%
CMY	0.7294, 0.6078, 0.3882
CMYK	0.56, 0.36, 0.00, 0.39
HSL	219°, 39%, 44%
HSV	219°, 56%, 61%
XYZ	13.0122, 12.7799, 33.2334
YIQ	97.1150, -36.4520, 10.8440

Conversions

Conversions Part 2

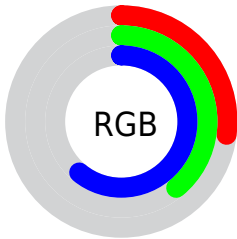
Format	Color
R _{YB}	69, 92, 156
Decimal	4547740
CIE Lab	42.43, 5.84, -33.92
CIE LCh	42, 34.418, 279.775
Yxy	12.7799, 0.2205, 0.2165
Android (android.graphics.Color)	4282737820 (0xFF45649C)
YUV	97.1150, 29.0303, -24.6569
Hunter-Lab	35.7489, 2.4112, -30.0938

Details

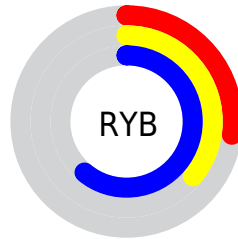
The RGB color **69, 100, 156** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **156, 125, 69**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **123, 151, 211**, and **1, 54, 104** is the 20% darker color. If you saturate the color by 10%, you get **53, 90, 156**, and if you desaturate by 10%, it is **85, 110, 156**.

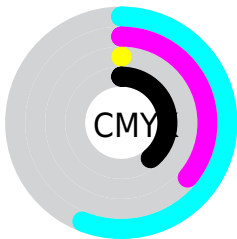
Distribution



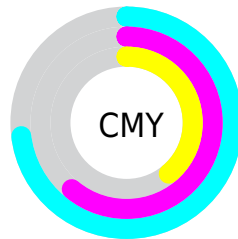
- Red (27%)
- Green (39%)
- Blue (61%)



- Red (27%)
- Yellow (36%)
- Blue (61%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)
- Black (39%)




- Cyan (73%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 69, 100, 156 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, 100, 156 by changing the saturation by 10% instead.

 69, 100, 156  69, 100, 156

255, 255, 255  41, 76, 130

 123, 151, 211  1, 54, 104

 151, 177, 239  0, 33, 80

 179, 205, 255  0, 9, 57

 207, 233, 255  0, 2, 34

 236, 255, 255  0, 0, 9

 0, 0, 0

 69, 100, 156  69, 100, 156

 53, 90, 156  85, 110, 156

■ 38, 80, 156

■ 100, 120, 156

■ 22, 70, 156

■ 116, 130, 156

■ 7, 60, 156

■ 131, 140, 156

■ 0, 56, 156

■ 147, 150, 156

■ 163, 160, 156

■ 178, 170, 156

■ 194, 180, 156

■ 209, 190, 156

Harmonies

Analogous

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



0, 108, 153



69, 100, 156



115, 89, 144

Triad

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



69, 100, 156



149, 82, 65



35, 113, 80

Complementary

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



69, 100, 156



156, 125, 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.



77, 109, 55



69, 100, 156



133, 92, 46

Square

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



69, 100, 156



153, 76, 92



108, 102, 42



0, 115, 109

Rectangle

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



69, 100, 156



135, 82, 129



108, 102, 42



52, 112, 70

Sweetspot

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



69, 100, 156



169, 182, 204



69, 156, 124



82, 89, 102



230, 230, 230



102, 102, 102

Same Dimension

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



69, 100, 156



67, 116, 204



81, 69, 156



71, 74, 79



0, 51, 143



0, 5, 15

Inverse Universe

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



156, 69, 100



204, 67, 116



144, 156, 69



79, 71, 74



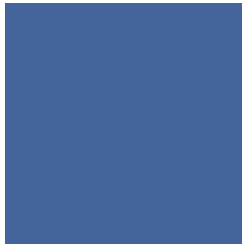
143, 0, 51



15, 0, 5

Previews

White Background



This preview shows how the RGB color 69, 100, 156 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 69, 100, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

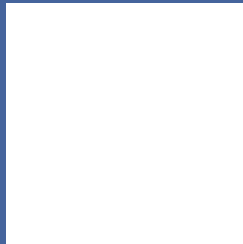
Any Text WCAG AAA × Fail

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

RGB 69, 100, 156 Background



This preview shows how black text looks on a background with the RGB color 69, 100, 156.



This preview shows how white text looks on a background with the RGB color 69, 100, 156.

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, 100, 156

Protanopia
79, 98, 154

Deuteranopia
70, 100, 156



Tritanopia
54, 108, 117

Trichromacy



Original Color
69, 100, 156

Protanomaly
75, 99, 155

Deuteranomaly
70, 100, 156

Tritanomaly
59, 105, 131

Monochromacy



Original Color
69, 100, 156

Achromatopsia
97, 97, 97

Achromatomaly
87, 98, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 100, 156 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, 100, 156)` looks like.

```
.text, #text, p{  
    color:rgb(69, 100, 156)  
}
```

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, 100, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 100, 156) }
```

Border

The CSS property to change the border of an element to RGB 69, 100, 156 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, 100, 156) }
```

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

```
.border{ border-color:rgb(69, 100, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 100, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 100, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 100, 156);  
box-shadow:4px 4px 4px 4px rgb(69, 100,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 69, 100, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 100, 156) }
```

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

```
.background{ background-color: rgb(69, 100,  
156) }
```

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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