

Converting Colors

RGB(65, 108, 149)

Have a look what the booklet for
RGB(65, 108, 149) contains.

RGB(65, 108, 149)	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(65, 108, 149)

Conversions

Conversions Part 1

Format	Color
Hex	416C95
RGB	65, 108, 149
RGB Percent	25%, 42%, 58%
CMY	0.7451, 0.5765, 0.4157
CMYK	0.56, 0.28, 0.00, 0.42
HSL	209°, 39%, 42%
HSV	209°, 56%, 58%
XYZ	12.9674, 14.0189, 30.4562
YIQ	99.8170, -38.7890, 3.6350

Conversions

Conversions Part 2

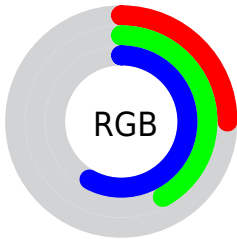
Format	Color
R _{YB}	65, 93, 149
Decimal	4287637
CIE Lab	44.26, -2.34, -26.90
CIE LCh	44, 27.003, 265.025
Yxy	14.0189, 0.2257, 0.2441
Android (android.graphics.Color)	4282477717 (0xFF416C95)
YUV	99.8170, 24.2472, -30.5345
Hunter-Lab	37.4418, -3.7025, -22.0190

Details

The RGB color **65, 108, 149** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **149, 106, 65**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **119, 159, 203**, and **0, 61, 98** is the 20% darker color. If you saturate the color by 10%, you get **50, 101, 149**, and if you desaturate by 10%, it is **80, 115, 149**.

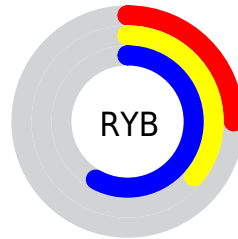
Distribution



 Red (25%)

 Green (42%)

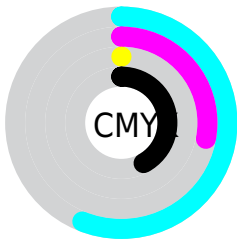
 Blue (58%)





 Red (25%)

 Yellow (36%)

 Blue (58%)

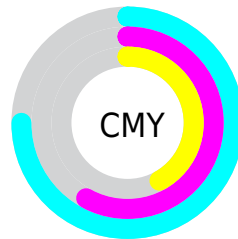


 Cyan (56%)


 Magenta (28%)

 Yellow (0%)

 Black (42%)



 Cyan (75%)















 Magenta (58%)







 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 108, 149 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 65, 108, 149 by changing the saturation by 10% instead.

 65, 108, 149	 65, 108, 149
 255, 255, 255	 37, 84, 123
 119, 159, 203	 0, 61, 98
 146, 186, 232	 0, 39, 74
 174, 214, 255	 0, 19, 51
 202, 242, 255	 0, 2, 30
 231, 255, 255	 0, 0, 0

 65, 108, 149	 65, 108, 149
 50, 101, 149	 80, 115, 149
 35, 93, 149	 95, 123, 149

■ 20, 86, 149

■ 110, 130, 149

■ 5, 79, 149

■ 125, 137, 149

■ 0, 76, 149

■ 139, 144, 149

■ 154, 152, 149

■ 169, 159, 149

■ 184, 166, 149

■ 199, 173, 149

Harmonies

Analogous

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



22, 114, 141



65, 108, 149



102, 100, 145

Triad

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



65, 108, 149



148, 88, 87



74, 114, 78

Complementary

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



65, 108, 149



149, 106, 65

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.



100, 109, 63



65, 108, 149



140, 94, 69

Square

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



65, 108, 149



145, 87, 109



123, 102, 60



43, 116, 100

Rectangle

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



65, 108, 149



121, 95, 137



123, 102, 60



83, 113, 72

Sweetspot

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



65, 108, 149



161, 178, 194



65, 149, 106



78, 87, 97



224, 224, 224



97, 97, 97

Same Dimension

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



65, 108, 149



62, 129, 194



65, 66, 149



67, 70, 74



0, 70, 138



0, 5, 10

Inverse Universe

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



149, 65, 108



194, 62, 129



149, 148, 65



74, 67, 70



138, 0, 70



10, 0, 5

Previews

White Background



This preview shows how the RGB color 65, 108, 149 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 65, 108, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

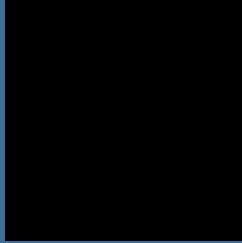
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

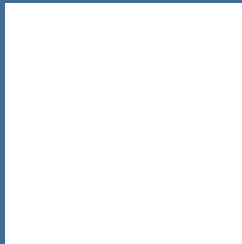
Any Text WCAG AAA × Fail

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

RGB 65, 108, 149 Background



This preview shows how black text looks on a background with the RGB color 65, 108, 149.

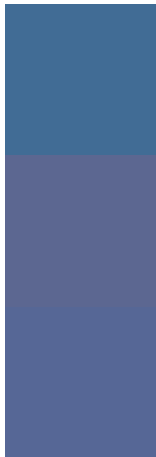


This preview shows how white text looks on a background with the RGB color 65, 108, 149.

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
65, 108, 149

Protanopia
92, 103, 145

Deuteranopia
86, 103, 150



Tritanopia
54, 113, 122

Trichromacy



Original Color

65, 108, 149

Protanomaly

82, 105, 146

Deuteranomaly

78, 105, 150

Tritanomaly

58, 111, 132

Monochromacy



Original Color

65, 108, 149

Achromatopsia

100, 100, 100

Achromatomaly

87, 103, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 108, 149 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(65, 108, 149)` looks like.

```
.text, #text, p{  
    color:rgb(65, 108, 149)  
}
```

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(65, 108, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 108, 149) }
```

Border

The CSS property to change the border of an element to RGB 65, 108, 149 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(65, 108, 149) }
```

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

```
.border{ border-color:rgb(65, 108, 149) }
```

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

Here you see how a box with a 4 pixel rgb(65, 108, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 108, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 108, 149);  
box-shadow:4px 4px 4px 4px rgb(65, 108,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 65, 108, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 108, 149) }
```

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

```
.background{ background-color: rgb(65, 108,  
149) }
```

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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