

# Converting Colors

Hex(154C69)

Have a look what the booklet for  
Hex(154C69) contains.

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# Color

Hex(154C69)

# Conversions

## Conversions Part 1

Format	Color
Hex	154C69
RGB	21, 76, 105
RGB Percent	8%, 30%, 41%
CMY	0.9176, 0.7020, 0.5882
CMYK	0.80, 0.28, 0.00, 0.59
HSL	201°, 67%, 25%
HSV	201°, 80%, 41%
XYZ	5.4435, 6.3482, 14.3030
YIQ	62.8610, -42.0890, -2.6410

# Conversions

## Conversions Part 2

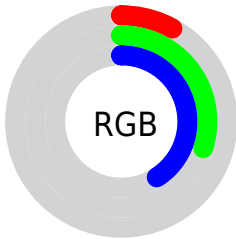
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 54, 105
Decimal	1395817
CIE <sub>Lab</sub>	30.27, -6.73, -21.88
CIE <sub>LCh</sub>	30, 22.896, 252.909
Yxy	6.3482, 0.2086, 0.2433
Android (android.graphics.Color)	4279585897 (0xFF154C69)
YUV	62.8610, 20.7745, -36.7121
Hunter-Lab	25.1957, -5.5277, -16.0206

# Details

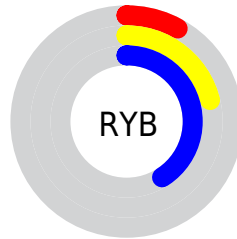
The Hex color **154C69** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **693215**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4E7D9C**, and **00203A** is the 20% darker color. If you saturate the color by 10%, you get **0A4869**, and if you desaturate by 10%, it is **205069**.

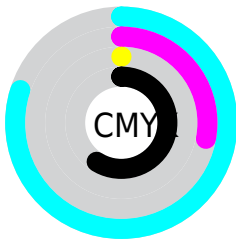
# Distribution



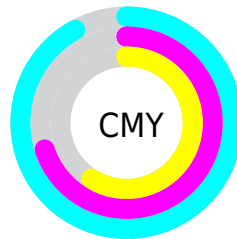
- Red (8%)
- Green (30%)
- Blue (41%)



- Red (8%)
- Yellow (21%)
- Blue (41%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (59%)



- Cyan (92%)
- Magenta (70%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 154C69 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 Hex color 154C69 by changing the saturation by 10% instead.



■ 154C69

■ 154C69

FFFFFF

■ 003551

■ 4E7D9C

■ 00203A

■ 6997B7

■ 000424

■ 84B1D3

■ 00000C

■ 9FCDEF

■ 000000

■ BBE9FF

■ D8FFFF

■ F5FFFF

■ 154C69

■ 154C69

■ 0A4869

■ 205069

■ 004569

■ 2A5369

■ 355769

■ 3F5A69

■ 4A5E69

■ 546269

■ 5F6569

■ 696969

■ 746D69

# Harmonies

## Analogous

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



004F5F



154C69



39466A

# Triad

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



154C69



6A3940



374D2C

# Complementary

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



154C69



693215

# 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.



4B4924



154C69



663D30

# Square

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



154C69



633A52



5B4325



1F503C

# Rectangle

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



154C69



4B4265



5B4325



3E4C29



# Sweetspot

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



154C69



697E8A



156931



313E45



C4C4C4



454545



# Same Dimension

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



154C69



065C8A



152369



303436



004D75



00A0F5



# Inverse Universe

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



69154C



8A065C



695B15



363034



75004D



F500A0



# Previews

## White Background



This preview shows how the Hex color 154C69 looks on a white background.

## Color Contrast Check

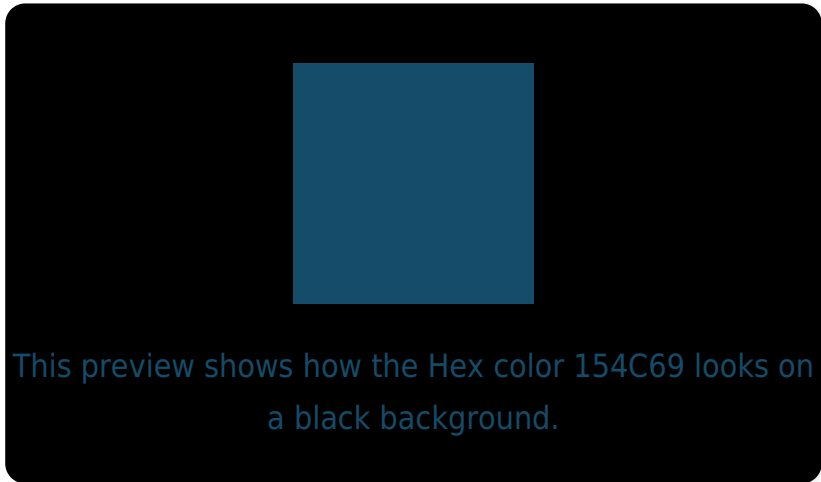
Large Text (above 18pt) WCAG AA ✓ Pass

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

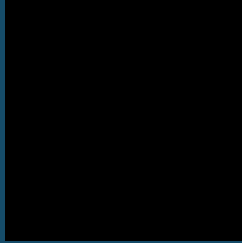
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 154C69 Background



This preview shows how black text looks on a background with the Hex color 154C69.



This preview shows how white text looks on a background with the Hex color 154C69.

# 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**  
154C69

**Protanopia**  
3E4664

**Deuteranopia**  
37476A



**Tritanopia**  
004F55

# Trichromacy



**Original Color**  
154C69

**Protanomaly**  
2F4866

**Deuteranomaly**  
2B496A

**Tritanomaly**  
084E5C

# Monochromacy



**Original Color**  
154C69

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
30444E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 154C69 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 #154C69 looks like.

```
.text, #text, p{  
    color:#154C69  
}
```

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 #154C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #154C69
}
```

## Border

The CSS property to change the border of an element to Hex 154C69 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
#154C69 }
```

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

```
.border{ border-color:#154C69 }
```

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

Here you see how a box with a 4 pixel #154C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #154C69; -webkit-box-shadow:4px 4px  
4px 4px #154C69; box-shadow:4px 4px 4px  
4px #154C69 }
```

# Background

The CSS property to change the background color of an element to Hex 154C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#154C69 }
```

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

```
.background{ background-color:#154C69 }
```

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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