

# Converting Colors

Hex(154955)

Have a look what the booklet for  
Hex(154955) contains.

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# Color

**Hex(154955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	154955
RGB	21, 73, 85
RGB Percent	8%, 29%, 33%
CMY	0.9176, 0.7137, 0.6667
CMYK	0.75, 0.14, 0.00, 0.67
HSL	191°, 60%, 21%
HSV	191°, 75%, 33%
XYZ	4.3315, 5.5804, 9.4432
YIQ	58.8200, -34.8440, -7.2920

# Conversions

## Conversions Part 2

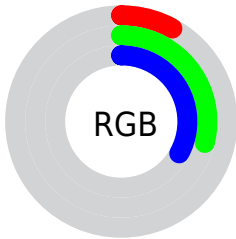
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 50, 85
Decimal	1395029
CIE <sub>Lab</sub>	28.33, -12.47, -12.10
CIE <sub>LCh</sub>	28, 17.379, 224.128
Yxy	5.5804, 0.2238, 0.2883
Android (android.graphics.Color)	4279585109 (0xFF154955)
YUV	58.8200, 12.9067, -33.1681
Hunter-Lab	23.6229, -8.6102, -7.1650

# Details

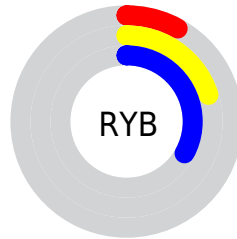
The Hex color **154955** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **552115**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4A7A87**, and **001E28** is the 20% darker color. If you saturate the color by 10%, you get **0C4755**, and if you desaturate by 10%, it is **1D4B55**.

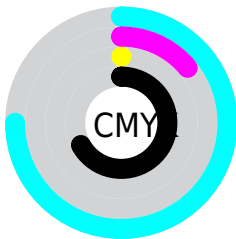
# Distribution



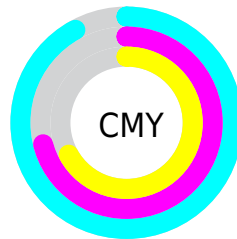
- Red (8%)
- Green (29%)
- Blue (33%)



- Red (8%)
- Yellow (20%)
- Blue (33%)



- Cyan (75%)
- Magenta (14%)
- Yellow (0%)
- Black (67%)



- Cyan (92%)
- Magenta (71%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 154955 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 154955 by changing the saturation by 10% instead.



■ 154955

■ 154955

FFFFFF

■ 00323E

■ 4A7A87

■ 001E28

■ 6494A1

■ 000114

■ 7EAEB3

■ 000000

■ 99CAD8

■ B5E6F4

■ D1FFFF

■ EEEFFF

■ 154955

■ 154955

■ 0C4755

■ 1D4B55

■ 044655

■ 264C55

■ 004555

■ 2F4E55

■ 374F55

■ 3F5155

■ 485355

■ 505455

■ 595655

■ 615755

# Harmonies

## Analogous

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



184A49



154955



25465C

# Triad

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



154955



59394A



464429

# Complementary

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



154955



552115

# 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.



524029



154955



5D393D

# Square

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



154955



4C3D56



5B3B31



37482F

# Rectangle

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



154955



33435D



5B3B31



4A4328



# Sweetspot

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



154955



54696E



155521



283538



B8B8B8



383838



# Same Dimension

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



154955



0B5B6E



152955



272B2B



00576B



00BFEB



# Inverse Universe

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



551549



6E0B5B



554115



2B272B



6B0057

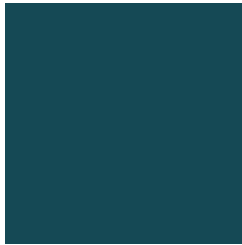


EB00BF



# Previews

## White Background



This preview shows how the Hex color 154955 looks on a white background.

## Color Contrast Check

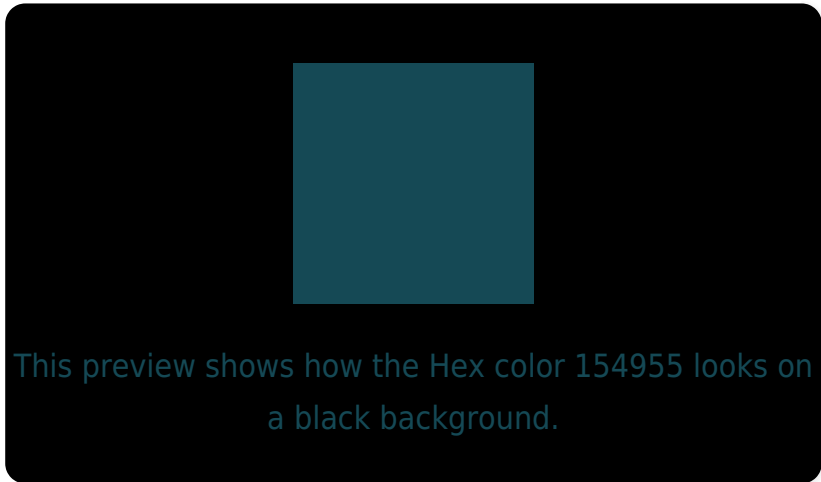
Large Text (above 18pt) WCAG AA ✓ Pass

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

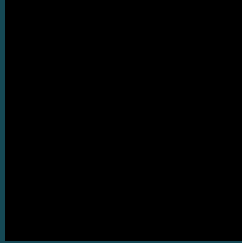
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 154955 Background



This preview shows how black text looks on a background with the Hex color 154955.



This preview shows how white text looks on a background with the Hex color 154955.

# 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](#).

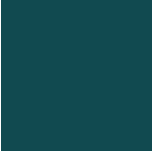
## Dichromacy



**Original Color**  
154955

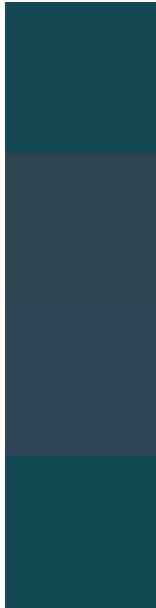
**Protanopia**  
404250

**Deuteranopia**  
3F4257



**Tritanopia**  
114A50

# Trichromacy



**Original Color**  
154955

**Protanomaly**  
304552

**Deuteranomaly**  
304556

**Tritanomaly**  
124A52

# Monochromacy



**Original Color**  
154955

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
2D4044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 154955 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 #154955 looks like.

```
.text, #text, p{  
    color:#154955  
}
```

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 #154955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #154955
}
```

## Border

The CSS property to change the border of an element to Hex 154955 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
#154955 }
```

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

```
.border{ border-color:#154955 }
```

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

Here you see how a box with a 4 pixel #154955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #154955; -webkit-box-shadow:4px 4px  
4px 4px #154955; box-shadow:4px 4px 4px  
4px #154955 }
```

# Background

The CSS property to change the background color of an element to Hex 154955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#154955 }
```

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

```
.background{ background-color:#154955 }
```

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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