

# Converting Colors

Hex(135E5E)

Have a look what the booklet for  
Hex(135E5E) contains.

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# Color

Hex(135E5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	135E5E
RGB	19, 94, 94
RGB Percent	7%, 37%, 37%
CMY	0.9255, 0.6314, 0.6314
CMYK	0.80, 0.00, 0.00, 0.63
HSL	180°, 66%, 22%
HSV	180°, 80%, 37%
XYZ	6.2916, 8.9520, 11.9860
YIQ	71.5750, -44.7000, -15.9000

# Conversions

## Conversions Part 2

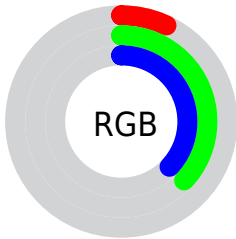
Format	Color
<b>RYB</b>	19, 57, 94
Decimal	1269342
CIELab	35.89, -21.41, -6.38
CIELCh	36, 22.342, 196.602
Yxy	8.9520, 0.2311, 0.3288
Android (android.graphics.Color)	4279459422 (0xFF135E5E)
YUV	71.5750, 11.0555, -46.1083
Hunter-Lab	29.9199, -14.8243, -2.8078

# Details

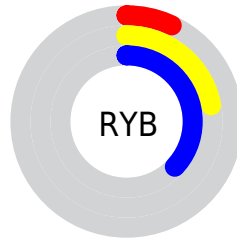
The Hex color **135E5E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E1313**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4E9190**, and **002F30** is the 20% darker color. If you saturate the color by 10%, you get **0A5E5E**, and if you desaturate by 10%, it is **1C5E5E**.

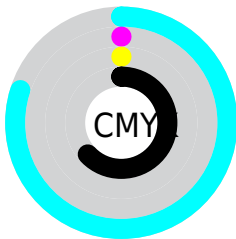
# Distribution



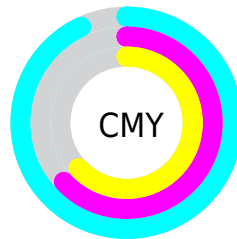
- Red (7%)
- Green (37%)
- Blue (37%)



- Red (7%)
- Yellow (22%)
- Blue (37%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (63%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 135E5E 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 135E5E by changing the saturation by 10% instead.



■ 135E5E

■ 135E5E

FFFFFF

■ 004646

■ 4E9190

■ 002F30

■ 68ABAB

■ 001C1B

■ 83C7C6

■ 000000

■ 9FE3E2

■ BBFFFF

■ D7FFFF

■ F4FFFF

■ 135E5E

■ 135E5E

■ 0A5E5E

■ 1C5E5E

■ 005E5E

■ 265E5E

■ 2F5E5E

■ 395E5E

■ 425E5E

■ 4B5E5E

■ 555E5E

■ 5E5E5E

■ 685E5E

# Harmonies

## Analogous

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



2B5D4C



135E5E



105C6E

# Triad

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



135E5E



634C6D



675132

# Complementary

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



135E5E



5E1313

# 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.



734B3B



135E5E



72475D

# Square

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



135E5E



4B5377



78474B



565632

# Rectangle

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



135E5E



225A75



78474B



6C4E34



# Sweetspot

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



135E5E



5D7A7A



135E13



2B3D3D



BDBDBD



3D3D3D



# Same Dimension

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



135E5E



057A7A



13395E



292E2E



006E6E



00EDED



# Inverse Universe

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



5E135E



7A057A



5E3913



2E292E



6E006E

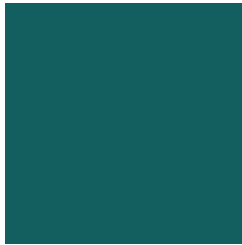


ED00ED



# Previews

## White Background



This preview shows how the Hex color 135E5E looks on a white background.

## Color Contrast Check

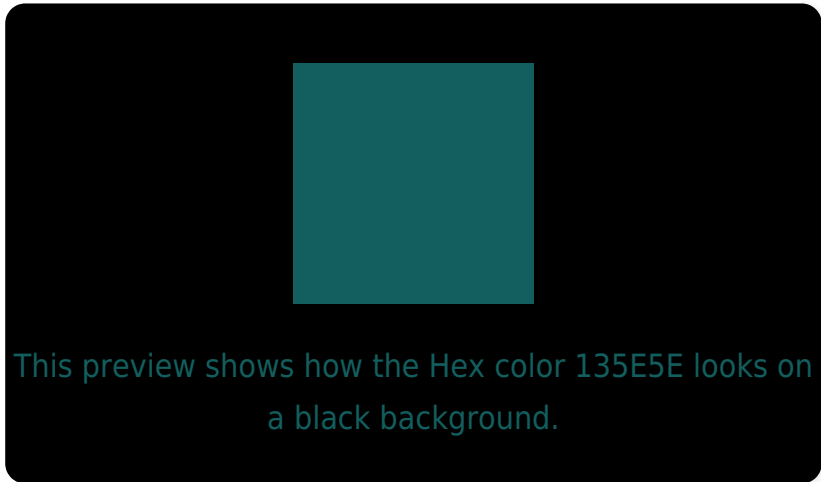
Large Text (above 18pt) WCAG AA ✓ Pass

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

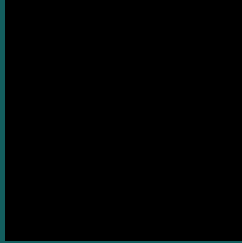
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 135E5E Background



This preview shows how black text looks on a background with the Hex color 135E5E.

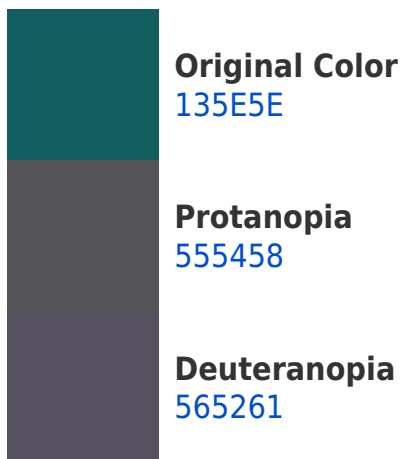



This preview shows how white text looks on a background with the Hex color 135E5E.

# 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](#).

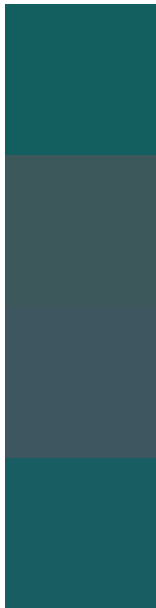
## Dichromacy





**Tritanopia**  
195D65

# Trichromacy



**Original Color**  
135E5E

**Protanomaly**  
3D585A

**Deuteranomaly**  
3E5660

**Tritanomaly**  
175D62

# Monochromacy



**Original Color**  
135E5E

**Achromatopsia**  
484848

**Achromatomaly**  
355050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 135E5E 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 #135E5E looks like.

```
.text, #text, p{  
    color:#135E5E  
}
```

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 #135E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135E5E
}
```

## Border

The CSS property to change the border of an element to Hex 135E5E 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
#135E5E }
```

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

```
.border{ border-color:#135E5E }
```

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

Here you see how a box with a 4 pixel #135E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135E5E; -webkit-box-shadow:4px 4px  
4px 4px #135E5E; box-shadow:4px 4px 4px  
4px #135E5E }
```

# Background

The CSS property to change the background color of an element to Hex 135E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135E5E }
```

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

```
.background{ background-color:#135E5E }
```

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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