

Converting Colors

Hex(135E56)

Have a look what the booklet for
Hex(135E56) contains.

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Color

Hex(135E56)

Conversions

Conversions Part 1

Format	Color
Hex	135E56
RGB	19, 94, 86
RGB Percent	7%, 37%, 34%
CMY	0.9255, 0.6314, 0.6627
CMYK	0.80, 0.00, 0.09, 0.63
HSL	174°, 66%, 22%
HSV	174°, 80%, 37%
XYZ	5.9510, 8.8157, 10.1921
YIQ	70.6630, -42.1320, -18.3880

Conversions

Conversions Part 2

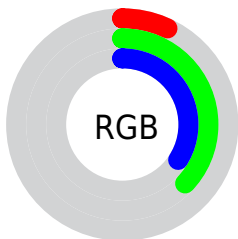
Format	Color
R_{YB}	19, 59, 94
Decimal	1269334
CIE _{Lab}	35.63, -23.99, -1.80
CIE _{LCh}	36, 24.055, 184.284
Yxy	8.8157, 0.2384, 0.3532
Android (android.graphics.Color)	4279459414 (0xFF135E56)
YUV	70.6630, 7.5611, -45.3085
Hunter-Lab	29.6913, -16.1834, 0.4316

Details

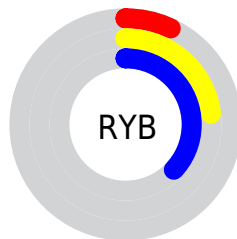
The Hex color **135E56** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E131B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4D9188**, and **002F29** is the 20% darker color. If you saturate the color by 10%, you get **0A5E55**, and if you desaturate by 10%, it is **1C5E57**.

Distribution



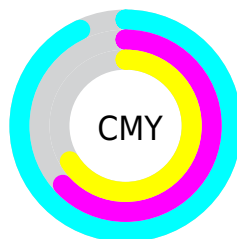
- Red (7%)
- Green (37%)
- Blue (34%)



- Red (7%)
- Yellow (23%)
- Blue (37%)



- Cyan (80%)
- Magenta (0%)
- Yellow (9%)
- Black (63%)



- Cyan (93%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135E56 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 135E56 by changing the saturation by 10% instead.

 135E56

 135E56

FFFFFF

 00463F

 4D9188

 002F29

 67ACA2

 001D14

 82C7BD

 000000

 9DE3D9

 B9FFF5

 D6FFFF

 F3FFFF

 135E56

 135E56

■ 0A5E55

■ 1C5E57

■ 005E54

■ 265E58

■ 2F5E59

■ 395E5A

■ 425E5B

■ 4B5E5C

■ 555E5D

■ 5E5E5E

■ 685E5F

Harmonies

Analogous

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



315D42



135E56



005D69

Triad

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



135E56



5A4E74



6E4D31

Complementary

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



135E56



5E131B

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.



78473F



135E56



6E4765

Square

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



135E56



3C557A



784552



5E542D

Rectangle

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



135E56



035C72



784552



724B35

Sweetspot

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



135E56



5D7A77



1C5E13



2B3D3B



BDBDBD



3D3D3D

Same Dimension

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



135E56



057A6E



13415E



292E2D



006E62



00EDD4

Inverse Universe

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



5E131B



7A0511



5E3013



2E292A



6E000C



ED0019

Previews

White Background



This preview shows how the Hex color 135E56 looks on a white background.

Color Contrast Check

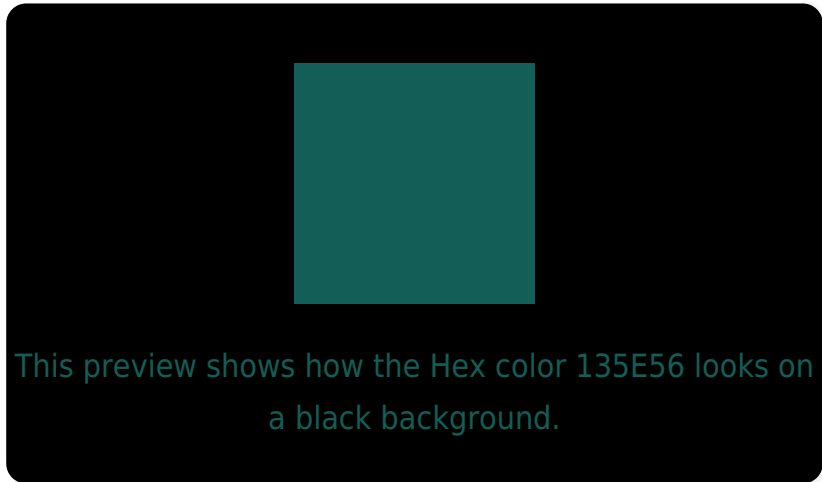
Large Text (above 18pt) WCAG AA ✓ Pass

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

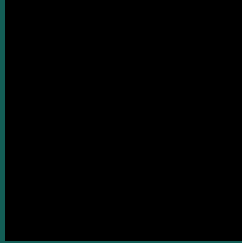
Any Text WCAG AA × Fail

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 135E56 Background



This preview shows how black text looks on a background with the Hex color 135E56.



This preview shows how white text looks on a background with the Hex color 135E56.

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
135E56

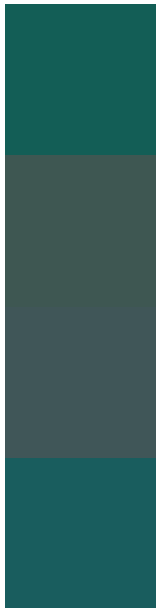
Protanopia
565350

Deuteranopia
595159



Tritanopia
1D5C63

Trichromacy



Original Color
135E56

Protanomaly
3E5752

Deuteranomaly
405658

Tritanomaly
195D5E

Monochromacy



Original Color
135E56

Achromatopsia
474747

Achromatomaly
344F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 135E56 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 #135E56 looks like.

```
.text, #text, p{  
    color:#135E56  
}
```

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 #135E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135E56
}
```

Border

The CSS property to change the border of an element to Hex 135E56 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
#135E56 }
```

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

```
.border{ border-color:#135E56 }
```

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

Here you see how a box with a 4 pixel #135E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135E56; -webkit-box-shadow:4px 4px  
4px 4px #135E56; box-shadow:4px 4px 4px  
4px #135E56 }
```

Background

The CSS property to change the background color of an element to Hex 135E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135E56 }
```

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

```
.background{ background-color:#135E56 }
```

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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