

Converting Colors

Hex(135F39)

Have a look what the booklet for
Hex(135F39) contains.

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Color

Hex(135F39)

Conversions

Conversions Part 1

Format	Color
Hex	135F39
RGB	19, 95, 57
RGB Percent	7%, 37%, 22%
CMY	0.9255, 0.6275, 0.7765
CMYK	0.80, 0.00, 0.40, 0.63
HSL	150°, 67%, 22%
HSV	150°, 80%, 37%
XYZ	5.0993, 8.6183, 5.2656
YIQ	67.9440, -33.0980, -27.9300

Conversions

Conversions Part 2

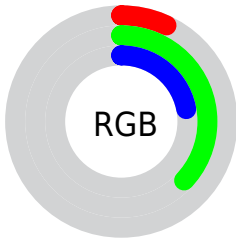
Format	Color
R_{YB}	19, 70, 95
Decimal	1269561
CIE _{Lab}	35.24, -32.28, 15.48
CIE _{LCh}	35, 35.796, 154.383
Yxy	8.6183, 0.2686, 0.4540
Android (android.graphics.Color)	4279459641 (0xFF135F39)
YUV	67.9440, -5.3954, -42.9239
Hunter-Lab	29.3569, -20.3692, 9.9152

Details

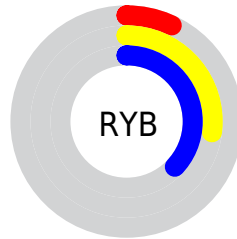
The Hex color **135F39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F1339**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4B9268**, and **00300E** is the 20% darker color. If you saturate the color by 10%, you get **095F34**, and if you desaturate by 10%, it is **1D5F3E**.

Distribution



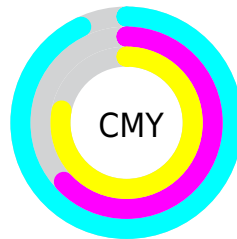
- Red (7%)
- Green (37%)
- Blue (22%)



- Red (7%)
- Yellow (27%)
- Blue (37%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (63%)



- Cyan (93%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135F39 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 135F39 by changing the saturation by 10% instead.

 135F39

 135F39

FFFFFF

 004723

 4B9268

 00300E

 66AD82

 001B00

 80C99C


 000000

 9CE5B7

 B7FFD2

 D4FFE0

 F1FFFF

 135F39

 135F39

■ 095F34

■ 1D5F3E

■ 005F30

■ 265F43

■ 305F47

■ 395F4C

■ 435F51

■ 4C5F56

■ 565F5A

■ 5F5F5F

■ 695F64

Harmonies

Analogous

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



415A21



135F39



006156

Triad

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



135F39



1F558C



853E34

Complementary

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



135F39



5F1339

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.



873950



135F39



5A4A82

Square

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



135F39



005C86



793E6C



76481F

Rectangle

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



135F39



00616A



793E6C



873B3D

Sweetspot

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



135F39



5D7A6C



395F13



2B3D34



BDBDBD



3D3D3D

Same Dimension

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



135F39



057A40



135F5F



2C302E



007038



00F078

Inverse Universe

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



5F1339



7A0540



5F1313



302C2E



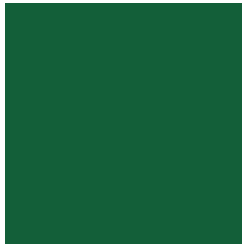
700038



F00078

Previews

White Background



This preview shows how the Hex color 135F39 looks on a white background.

Color Contrast Check

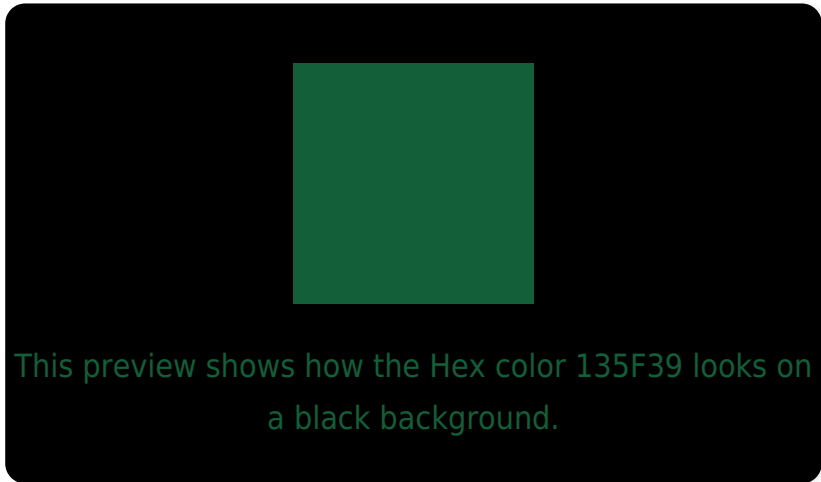
Large Text (above 18pt) WCAG AA ✓ Pass

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

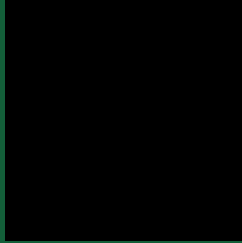
Any Text WCAG AA × Fail

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 135F39 Background



This preview shows how black text looks on a background with the Hex color 135F39.



This preview shows how white text looks on a background with the Hex color 135F39.

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
135F39

Protanopia
5A5334

Deuteranopia
624F3D

Trichromacy



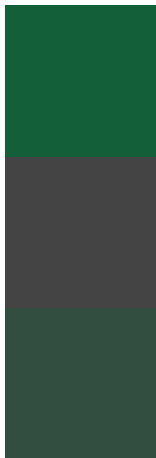
Original Color
135F39

Protanomaly
405736

Deuteranomaly
45553C

Tritanomaly
1F5C53

Monochromacy



Original Color
135F39

Achromatopsia
444444

Achromatomaly
324E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 135F39 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 #135F39 looks like.

```
.text, #text, p{  
    color:#135F39  
}
```

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 #135F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135F39
}
```

Border

The CSS property to change the border of an element to Hex 135F39 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
#135F39 }
```

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

```
.border{ border-color:#135F39 }
```

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

Here you see how a box with a 4 pixel #135F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135F39; -webkit-box-shadow:4px 4px  
4px 4px #135F39; box-shadow:4px 4px 4px  
4px #135F39 }
```

Background

The CSS property to change the background color of an element to Hex 135F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135F39 }
```

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

```
.background{ background-color:#135F39 }
```

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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