

Converting Colors

Hex(135E31)

Have a look what the booklet for
Hex(135E31) contains.

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Color

Hex(135E31)

Conversions

Conversions Part 1

Format	Color
Hex	135E31
RGB	19, 94, 49
RGB Percent	7%, 37%, 19%
CMY	0.9255, 0.6314, 0.8078
CMYK	0.80, 0.00, 0.48, 0.63
HSL	144°, 66%, 22%
HSV	144°, 80%, 37%
XYZ	4.8256, 8.3656, 4.2661
YIQ	66.4450, -30.2550, -29.8950

Conversions

Conversions Part 2

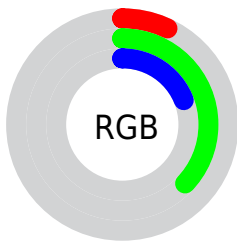
Format	Color
RYB	19, 73, 94
Decimal	1269297
CIELab	34.73, -33.53, 19.54
CIELCh	35, 38.812, 149.768
Yxy	8.3656, 0.2764, 0.4792
Android (android.graphics.Color)	4279459377 (0xFF135E31)
YUV	66.4450, -8.6004, -41.6093
Hunter-Lab	28.9234, -20.8345, 11.5012

Details

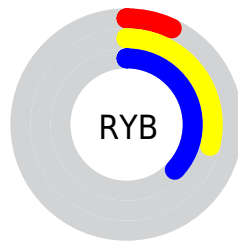
The Hex color **135E31** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E1340**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B9160**, and **002F03** is the 20% darker color. If you saturate the color by 10%, you get **0A5E2B**, and if you desaturate by 10%, it is **1C5E37**.

Distribution



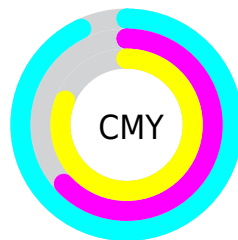
- Red (7%)
- Green (37%)
- Blue (19%)



- Red (7%)
- Yellow (29%)
- Blue (37%)



- Cyan (80%)
- Magenta (0%)
- Yellow (48%)
- Black (63%)



- Cyan (93%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135E31 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 135E31 by changing the saturation by 10% instead.



135E31



135E31

FFFFFF



00461B



4B9160



002F03



66AC79



001900



80C893



000000



9BE4AD



B7FFC9



D4FFE5



F0FFFF



135E31



135E31

■ 0A5E2B

■ 1C5E37

■ 005E26

■ 265E3C

■ 2F5E42

■ 395E48

■ 425E4D

■ 4B5E53

■ 555E58

■ 5E5E5E

■ 685E64

Harmonies

Analogous

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



435917



135E31



006050

Triad

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



135E31



005590



883935

Complementary

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



135E31



5E1340

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.



883453



135E31



514A88

Square

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



135E31



005D87



773C71



7A441B

Rectangle

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



135E31



006066



773C71



8A363F

Sweetspot

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



135E31



5D7A69



405E13



2B3D33



BDBDBD



3D3D3D

Same Dimension

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



135E31



057A34



135E57



292E2B



006E2C



00ED5F

Inverse Universe

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



5E1340



7A054B



5E131B



2E292C



6E0042



ED008E

Previews

White Background



This preview shows how the Hex color 135E31 looks on a white background.

Color Contrast Check

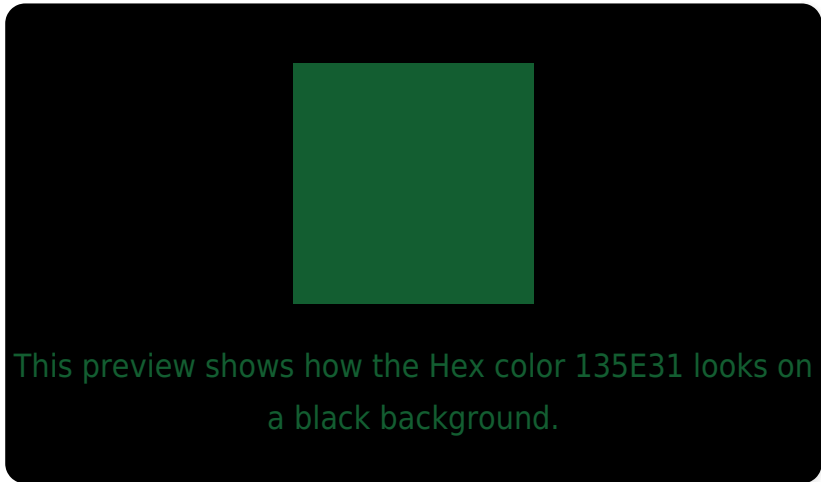
Large Text (above 18pt) WCAG AA ✓ Pass

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

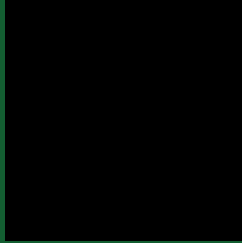
Any Text WCAG AA × Fail

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 135E31 Background



This preview shows how black text looks on a background with the Hex color 135E31.



This preview shows how white text looks on a background with the Hex color 135E31.

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](#).

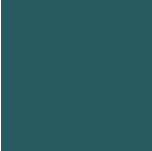
Dichromacy



Original Color
135E31

Protanopia
5A522D

Deuteranopia
624E35



Tritanopia
275960

Trichromacy



Original Color
135E31

Protanomaly
40562E

Deuteranomaly
455434

Tritanomaly
205B4F

Monochromacy



Original Color
135E31

Achromatopsia
424242

Achromatomaly
314C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 135E31 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 #135E31 looks like.

```
.text, #text, p{  
    color:#135E31  
}
```

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 #135E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135E31
}
```

Border

The CSS property to change the border of an element to Hex 135E31 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
#135E31 }
```

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

```
.border{ border-color:#135E31 }
```

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

Here you see how a box with a 4 pixel #135E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135E31; -webkit-box-shadow:4px 4px  
4px 4px #135E31; box-shadow:4px 4px 4px  
4px #135E31 }
```

Background

The CSS property to change the background color of an element to Hex 135E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135E31 }
```

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

```
.background{ background-color:#135E31 }
```

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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