

Converting Colors

Hex(135871)

Have a look what the booklet for
Hex(135871) contains.

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Color

Hex(135871)

Conversions

Conversions Part 1

Format	Color
Hex	135871
RGB	19, 88, 113
RGB Percent	7%, 35%, 44%
CMY	0.9255, 0.6549, 0.5569
CMYK	0.83, 0.22, 0.00, 0.56
HSL	196°, 71%, 26%
HSV	196°, 83%, 44%
XYZ	6.7389, 8.3101, 16.8716
YIQ	70.2190, -49.1490, -6.8530

Conversions

Conversions Part 2

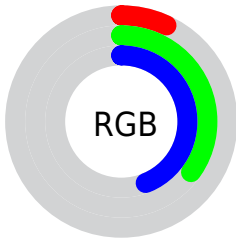
Format	Color
R_{YB}	19, 59, 113
Decimal	1267825
CIE _{Lab}	34.62, -11.25, -20.15
CIE _{LCh}	35, 23.073, 240.824
Yxy	8.3101, 0.2111, 0.2603
Android (android.graphics.Color)	4279457905 (0xFF135871)
YUV	70.2190, 21.0910, -44.9191
Hunter-Lab	28.8273, -8.7202, -14.5212

Details

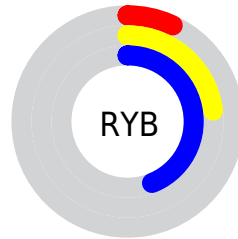
The Hex color **135871** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **712C13**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **508AA5**, and **002B41** is the 20% darker color. If you saturate the color by 10%, you get **085571**, and if you desaturate by 10%, it is **1E5B71**.

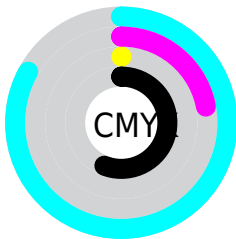
Distribution



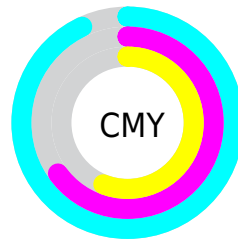
- Red (7%)
- Green (35%)
- Blue (44%)



- Red (7%)
- Yellow (23%)
- Blue (44%)



- Cyan (83%)
- Magenta (22%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135871 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 135871 by changing the saturation by 10% instead.

■ 135871

■ 135871

FFFFFF

■ 004158

■ 508AA5

■ 002B41

■ 6BA4C0

■ 00172B

■ 86BFDC

■ 000116

■ A2DBF9

■ 000000

■ BEF8FF

■ DBFFFF

■ F8FFFF

■ 135871

■ 135871

■ 085571

■ 1E5B71

■ 005371

■ 2A5E71

■ 356171

■ 406471

■ 4C6771

■ 576A71

■ 626D71

■ 6D7071

■ 797371

Harmonies

Analogous

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



005B64



135871



375376

Triad

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



135871



744352



4A5631

Complementary

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



135871



712C13

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.



5D502C



135871



744540

Square

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



135871



694664



6C4A32



345A3F

Rectangle

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



135871



4B4F74



6C4A32



50542E

Sweetspot

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



135871



6F8A94



13712B



34444A



C9C9C9



4A4A4A

Same Dimension

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



135871



006D94



132B71



323738



005878



00B6F7

Inverse Universe

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



711358



94006D



715A13



383237



780058



F700B6

Previews

White Background



This preview shows how the Hex color 135871 looks on a white background.

Color Contrast Check

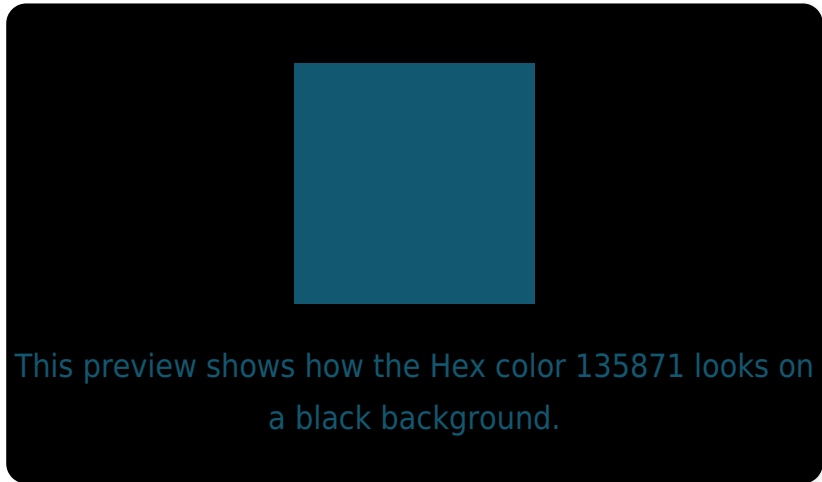
Large Text (above 18pt) WCAG AA ✓ Pass

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

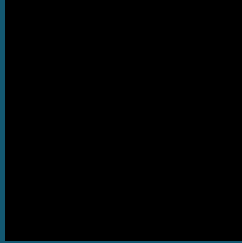
Any Text WCAG AA × Fail

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 135871 Background



This preview shows how black text looks on a background with the Hex color 135871.

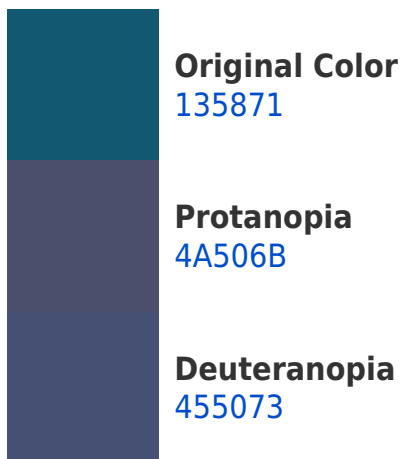



This preview shows how white text looks on a background with the Hex color 135871.

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
005A61

Trichromacy



Original Color
135871

Protanomaly
36536D

Deuteranomaly
335372

Tritanomaly
075967

Monochromacy



Original Color
135871

Achromatopsia
464646

Achromatomaly
334D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 135871 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 #135871 looks like.

```
.text, #text, p{  
    color:#135871  
}
```

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 #135871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135871
}
```

Border

The CSS property to change the border of an element to Hex 135871 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
#135871 }
```

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

```
.border{ border-color:#135871 }
```

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

Here you see how a box with a 4 pixel #135871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135871; -webkit-box-shadow:4px 4px  
4px 4px #135871; box-shadow:4px 4px 4px  
4px #135871 }
```

Background

The CSS property to change the background color of an element to Hex 135871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135871 }
```

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

```
.background{ background-color:#135871 }
```

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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