

Converting Colors

Hex(133141)

Have a look what the booklet for
Hex(133141) contains.

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Color

Hex(133141)

Conversions

Conversions Part 1

Format	Color
Hex	133141
RGB	19, 49, 65
RGB Percent	7%, 19%, 25%
CMY	0.9255, 0.8078, 0.7451
CMYK	0.71, 0.25, 0.00, 0.75
HSL	201°, 55%, 16%
HSV	201°, 71%, 25%
XYZ	2.3210, 2.7167, 5.4031
YIQ	41.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

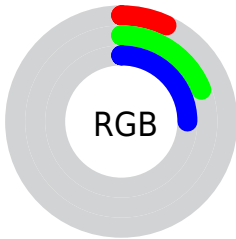
Format	Color
RYB	19, 37, 65
Decimal	1257793
CIELab	18.87, -5.25, -13.37
CIELCh	19, 14.364, 248.569
Yxy	2.7167, 0.2223, 0.2602
Android (android.graphics.Color)	4279447873 (0xFF133141)
YUV	41.8540, 11.4110, -20.0430
Hunter-Lab	16.4825, -3.7086, -7.8979

Details

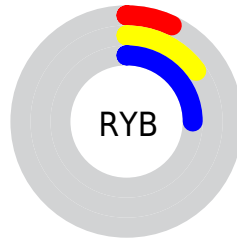
The Hex color **133141** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **412313**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **435F71**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **0D2F41**, and if you desaturate by 10%, it is **1A3341**.

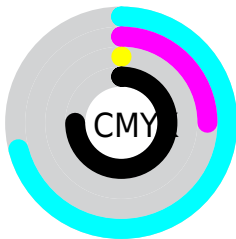
Distribution



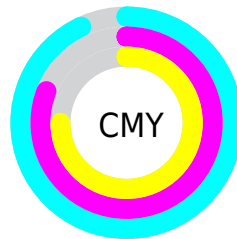
- Red (7%)
- Green (19%)
- Blue (25%)



- Red (7%)
- Yellow (15%)
- Blue (25%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)
- Black (75%)



- Cyan (93%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133141 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 133141 by changing the saturation by 10% instead.

■ 133141

■ 133141

FFFFFF

■ 001C2B

■ 435F71

■ 000117

■ 5C788A

■ 000000

■ 7591A5

■ 8FACC0

■ AAC7DC

■ C6E3F8

■ E2FFFF

■ 133141

■ 133141

■ 0D2F41

■ 1A3341

■ 062C41

■ 203641

■ 002A41

■ 273841

■ 2D3A41

■ 343C41

■ 3A3F41

■ 414141

■ 474341

■ 4E4541

Harmonies

Analogous

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



07333B



133141



242E42

Triad

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



133141



42262B



27311D

Complementary

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



133141



412313

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.



322E19



133141



412721

Square

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



133141



3D2736



3B2B1B



1A3326

Rectangle

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



133141



2E2B40



3B2B1B



2B301B

Sweetspot

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



133141



424E54



134122



21282B



ABABAB



2B2B2B

Same Dimension

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



133141



0D3B54



131B41



1E2021



003F61



0092E0

Inverse Universe

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



411331



540D3B



413913



211E20



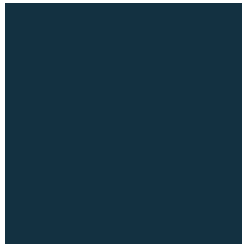
61003F



E00092

Previews

White Background



This preview shows how the Hex color 133141 looks on a white background.

Color Contrast Check

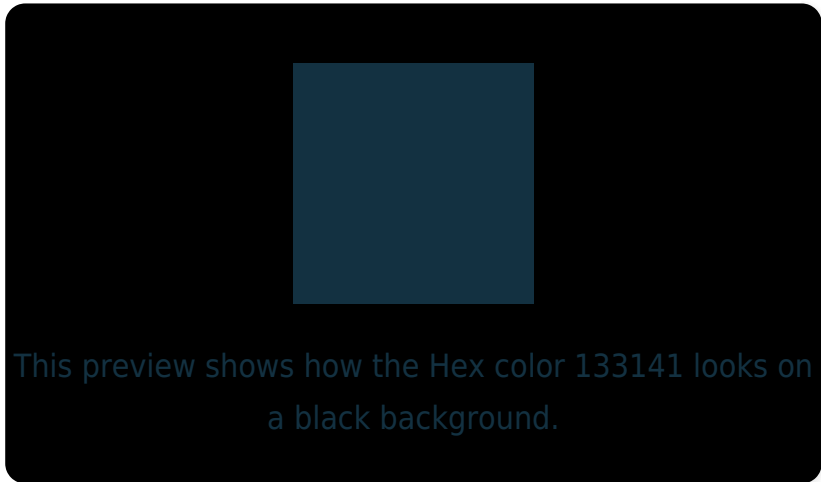
Large Text (above 18pt) WCAG AA ✓ Pass

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

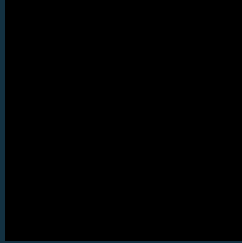
Any Text WCAG AA × Fail

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 133141 Background



This preview shows how black text looks on a background with the Hex color 133141.



This preview shows how white text looks on a background with the Hex color 133141.

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
133141

Protanopia
292D3E

Deuteranopia
262E42



Tritanopia
0B3337

Trichromacy



Original Color

133141

Protanomaly

212E3F

Deuteranomaly

1F2F42

Tritanomaly

0E323B

Monochromacy



Original Color

133141

Achromatopsia

2A2A2A

Achromatomaly

222D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 133141 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 #133141 looks like.

```
.text, #text, p{  
    color:#133141  
}
```

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 #133141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133141
}
```

Border

The CSS property to change the border of an element to Hex 133141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

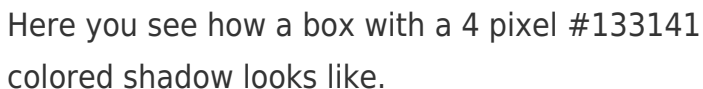
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#133141 }
```

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

```
.border{ border-color:#133141 }
```

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



Here you see how a box with a 4 pixel #133141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133141; -webkit-box-shadow:4px 4px  
4px 4px #133141; box-shadow:4px 4px 4px  
4px #133141 }
```

Background

The CSS property to change the background color of an element to Hex 133141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133141 }
```

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

```
.background{ background-color:#133141 }
```

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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