

Converting Colors

Hex(133A1F)

Have a look what the booklet for
Hex(133A1F) contains.

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Color

Hex(133A1F)

Conversions

Conversions Part 1

Format	Color
Hex	133A1F
RGB	19, 58, 31
RGB Percent	7%, 23%, 12%
CMY	0.9255, 0.7725, 0.8784
CMYK	0.67, 0.00, 0.47, 0.77
HSL	138°, 51%, 15%
HSV	138°, 67%, 23%
XYZ	2.0289, 3.2635, 1.8193
YIQ	43.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

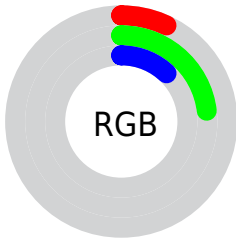
Format	Color
R_{YB}	19, 49, 58
Decimal	1260063
CIE _{Lab}	21.07, -21.08, 12.78
CIE _{LCh}	21, 24.655, 148.770
Yxy	3.2635, 0.2853, 0.4589
Android (android.graphics.Color)	4279450143 (0xFF133A1F)
YUV	43.2610, -6.0447, -21.2769
Hunter-Lab	18.0651, -11.5662, 6.6746

Details

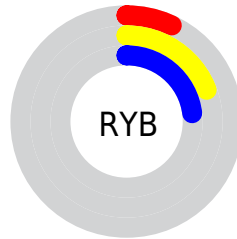
The Hex color **133A1F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A132E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **426A4B**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **0D3A1B**, and if you desaturate by 10%, it is **193A23**.

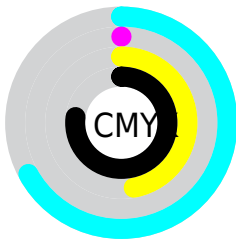
Distribution



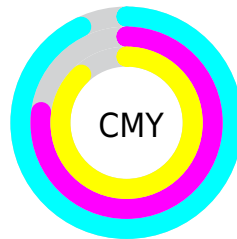
- Red (7%)
- Green (23%)
- Blue (12%)



- Red (7%)
- Yellow (19%)
- Blue (23%)



- Cyan (67%)
- Magenta (0%)
- Yellow (47%)
- Black (77%)



- Cyan (93%)
- Magenta (77%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133A1F 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 133A1F by changing the saturation by 10% instead.



133A1F



133A1F

FDFFFF



002408



426A4B



000700



5A8363



000000



749D7C



8EB896



A8D4B1



C4F0CC



E0FFE8



133A1F



133A1F

■ 0D3A1B

■ 193A23

■ 073A17

■ 1F3A27

■ 023A13

■ 243A2B

■ 003A12

■ 2A3A2F

■ 303A33

■ 363A37

■ 3C3A3B

■ 413A3F

■ 473A43

Harmonies

Analogous

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



2B3711



133A1F



003C31

Triad

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



133A1F



073557



532422

Complementary

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



133A1F



3A132E

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.



532334



133A1F



322E53

Square

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



133A1F



003951



482746



4B2B14

Rectangle

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



133A1F



003C3E



482746



542328

Sweetspot

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



133A1F



3D4D42



2E3A13



1D2620



A6A6A6



262626

Same Dimension

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



133A1F



0F4D22



133A32



191C1A



005C1C



00DB43

Inverse Universe

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



3A132E



4D0F39



3A131B



1C191B



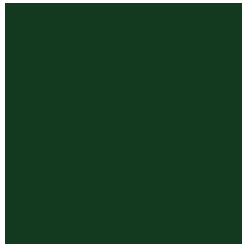
5C0040



DB0098

Previews

White Background



This preview shows how the Hex color 133A1F looks on a white background.

Color Contrast Check

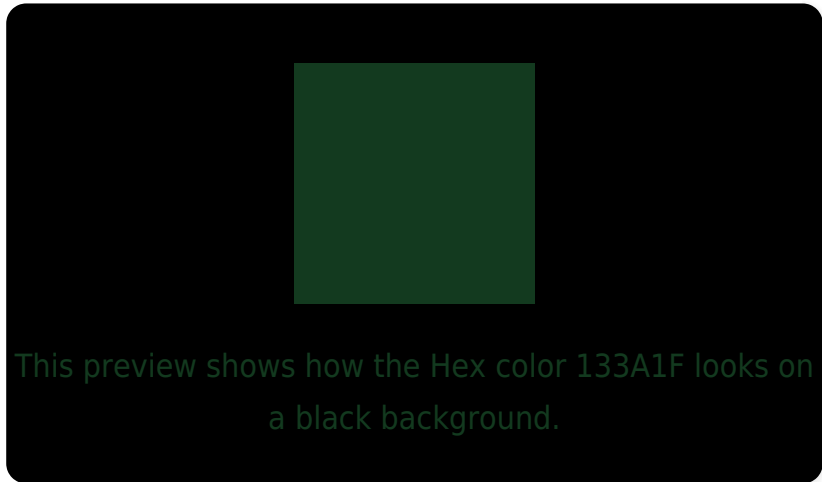
Large Text (above 18pt) WCAG AA ✓ Pass

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

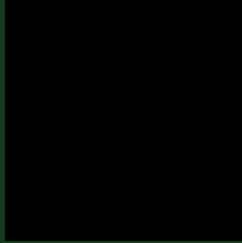
Any Text WCAG AA × Fail

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 133A1F Background



This preview shows how black text looks on a background with the Hex color 133A1F.



This preview shows how white text looks on a background with the Hex color 133A1F.

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
133A1F

Protanopia
38331C

Deuteranopia
3D3021



Tritanopia
1C373B

Trichromacy



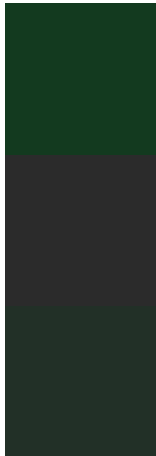
Original Color
133A1F

Protanomaly
2B361D

Deuteranomaly
2E3420

Tritanomaly
193831

Monochromacy



Original Color
133A1F

Achromatopsia
2B2B2B

Achromatomaly
223027

CSS Examples

Text

The CSS property to change the color of the text to Hex 133A1F 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 #133A1F looks like.

```
.text, #text, p{  
    color:#133A1F  
}
```

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 #133A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133A1F
}
```

Border

The CSS property to change the border of an element to Hex 133A1F 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
#133A1F }
```

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

```
.border{ border-color:#133A1F }
```

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

Here you see how a box with a 4 pixel #133A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133A1F; -webkit-box-shadow:4px 4px  
4px 4px #133A1F; box-shadow:4px 4px 4px  
4px #133A1F }
```

Background

The CSS property to change the background color of an element to Hex 133A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133A1F }
```

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

```
.background{ background-color:#133A1F }
```

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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