

Converting Colors

Hex(133F22)

Have a look what the booklet for
Hex(133F22) contains.

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Color

Hex(133F22)

Conversions

Conversions Part 1

Format	Color
Hex	133F22
RGB	19, 63, 34
RGB Percent	7%, 25%, 13%
CMY	0.9255, 0.7529, 0.8667
CMYK	0.70, 0.00, 0.46, 0.75
HSL	140°, 54%, 16%
HSV	140°, 70%, 25%
XYZ	2.3348, 3.8090, 2.1255
YIQ	46.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

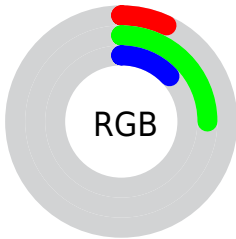
Format	Color
RYB	19, 52, 63
Decimal	1261346
CIELab	23.03, -22.88, 13.44
CIELCh	23, 26.539, 149.572
Yxy	3.8090, 0.2823, 0.4606
Android (android.graphics.Color)	4279451426 (0xFF133F22)
YUV	46.5380, -6.1812, -24.1508
Hunter-Lab	19.5165, -12.7997, 7.2044

Details

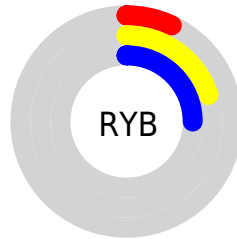
The Hex color **133F22** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3F1330**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **436F4F**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **0D3F1E**, and if you desaturate by 10%, it is **193F26**.

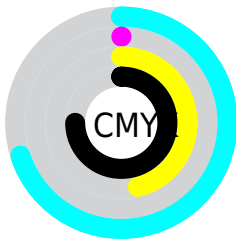
Distribution



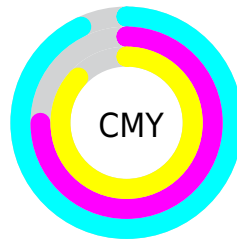
- Red (7%)
- Green (25%)
- Blue (13%)



- Red (7%)
- Yellow (20%)
- Blue (25%)



- Cyan (70%)
- Magenta (0%)
- Yellow (46%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133F22 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 133F22 by changing the saturation by 10% instead.

 133F22

 133F22

FFFFFF

 00290D

 436F4F

 001300

 5C8967

 000000

 75A380

 8FBE9A

 AADAB5

 C6F7D0

 E2FFED

 133F22

 133F22

■ 0D3F1E

■ 193F26

■ 063F1A

■ 203F2A

■ 003F16

■ 263F2E

■ 003F15

■ 2C3F33

■ 333F37

■ 393F3B

■ 3F3F3F

■ 453F43

■ 4C3F47

Harmonies

Analogous

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



2E3B12



133F22



004136

Triad

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



133F22



08395E



5A2825

Complementary

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



133F22



3F1330

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.



5A2538



133F22



373259

Square

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



133F22



003E59



4F2A4B



512E15

Rectangle

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



133F22



004144



4F2A4B



5B262B

Sweetspot

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



133F22



405246



303F13



1F2922



A8A8A8



292929

Same Dimension

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



133F22



0D5224



133F38



1C1F1D



005E20



00DE4C

Inverse Universe

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



3F1330



520D3A



3F131A



1F1C1E



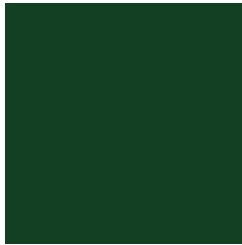
5E003E



DE0092

Previews

White Background



This preview shows how the Hex color 133F22 looks on a white background.

Color Contrast Check

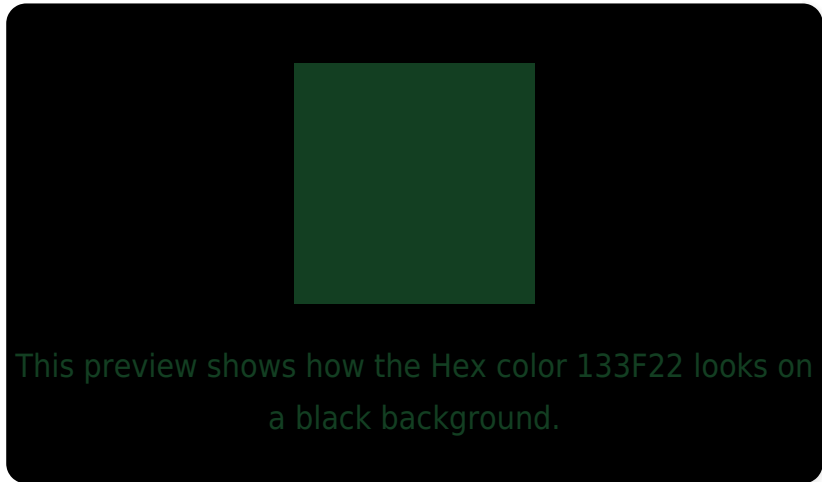
Large Text (above 18pt) WCAG AA ✓ Pass

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

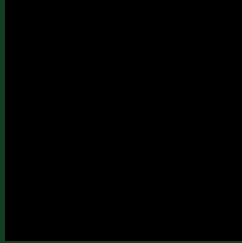
Any Text WCAG AA × Fail

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 133F22 Background



This preview shows how black text looks on a background with the Hex color 133F22.



This preview shows how white text looks on a background with the Hex color 133F22.

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](#).

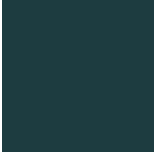
Dichromacy



Original Color
133F22

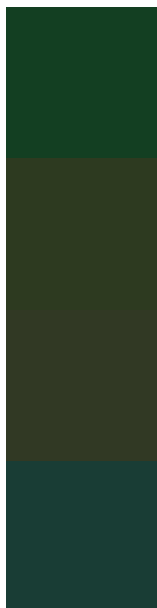
Protanopia
3C371F

Deuteranopia
423525



Tritanopia
1D3C40

Trichromacy



Original Color

133F22

Protanomaly

2D3A20

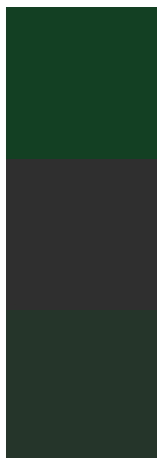
Deuteranomaly

313924

Tritanomaly

193D35

Monochromacy



Original Color

133F22

Achromatopsia

2F2F2F

Achromatomaly

25352A

CSS Examples

Text

The CSS property to change the color of the text to Hex 133F22 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 #133F22 looks like.

```
.text, #text, p{  
    color:#133F22  
}
```

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 #133F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133F22
}
```

Border

The CSS property to change the border of an element to Hex 133F22 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
#133F22 }
```

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

```
.border{ border-color:#133F22 }
```

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

Here you see how a box with a 4 pixel #133F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133F22; -webkit-box-shadow:4px 4px  
4px 4px #133F22; box-shadow:4px 4px 4px  
4px #133F22 }
```

Background

The CSS property to change the background color of an element to Hex 133F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133F22 }
```

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

```
.background{ background-color:#133F22 }
```

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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