

Converting Colors

Hex(132223)

Have a look what the booklet for
Hex(132223) contains.

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Color

Hex(132223)

Conversions

Conversions Part 1

Format	Color
Hex	132223
RGB	19, 34, 35
RGB Percent	7%, 13%, 14%
CMY	0.9255, 0.8667, 0.8627
CMYK	0.46, 0.03, 0.00, 0.86
HSL	184°, 30%, 11%
HSV	184°, 46%, 14%
XYZ	1.1440, 1.4039, 1.8008
YIQ	29.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

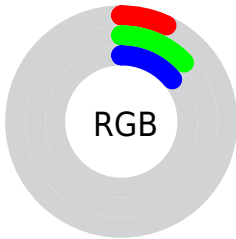
Format	Color
R_{YB}	19, 27, 35
Decimal	1253923
CIE _{Lab}	11.98, -6.03, -2.71
CIE _{LCh}	12, 6.613, 204.185
Yxy	1.4039, 0.2631, 0.3228
Android (android.graphics.Color)	4279444003 (0xFF132223)
YUV	29.6290, 2.6479, -9.3216
Hunter-Lab	11.8484, -3.5007, -0.7173

Details

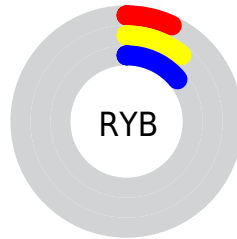
The Hex color **132223** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231413**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3E4E4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **102223**, and if you desaturate by 10%, it is **172223**.

Distribution



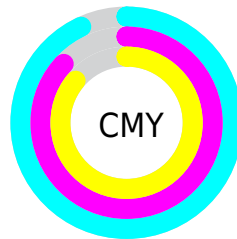
- Red (7%)
- Green (13%)
- Blue (14%)



- Red (7%)
- Yellow (11%)
- Blue (14%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (86%)



- Cyan (93%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 132223 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 132223 by changing the saturation by 10% instead.

■ 132223

■ 132223

■ F5FFFF

■ 000C0D

■ 3E4E4F

■ 000000

■ 566667

■ 6E7F80

■ 87999A

■ A2B4B5

■ BDD0D1

■ D9ECED

■ 132223

■ 132223

■ 102223

■ 172223

■ 0C2223

■ 1A2223

■ 082123

■ 1E2323

■ 052123

■ 212323

■ 012123

■ 252323

■ 002123

■ 282323

■ 2C2423

■ 2F2423

■ 332423

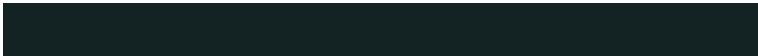
Harmonies

Analogous

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



15221E



132223



142127

Triad

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



132223



251D25



241F17

Complementary

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



132223



231413

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.



271D18



132223



281C21

Square

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



132223



1F1F28



291C1C



1F2017

Rectangle

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



132223



172128



291C1C



251E17

Sweetspot

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



132223



272D2E



132314



131717



969696



171717

Same Dimension

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



132223



152C2E



131A23



101212



004D52



00C4D1

Inverse Universe

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



231322



2E152C



231C13



121012



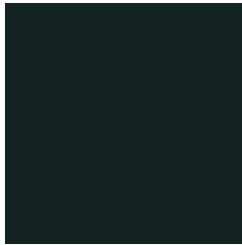
52004D



D100C4

Previews

White Background



This preview shows how the Hex color 132223 looks on a white background.

Color Contrast Check

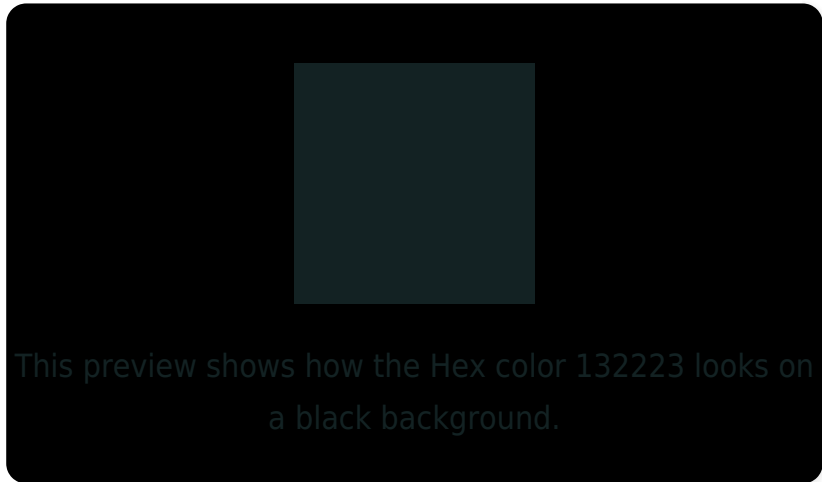
Large Text (above 18pt) WCAG AA ✓ Pass

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

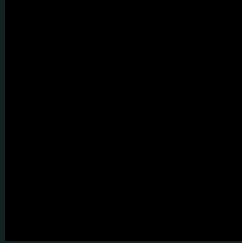
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

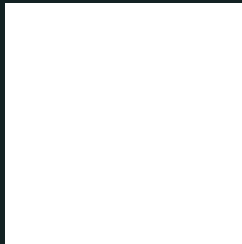
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 132223 Background



This preview shows how black text looks on a background with the Hex color 132223.

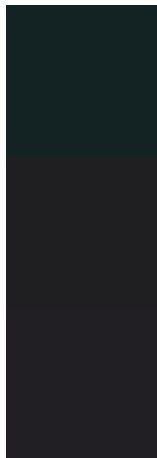


This preview shows how white text looks on a background with the Hex color 132223.

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

132223

Protanopia

1F1F21

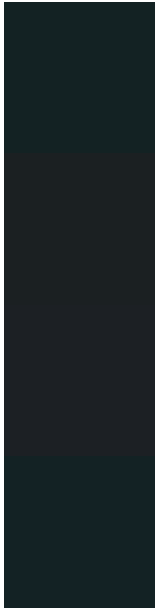
Deuteranopia

211F24



Tritanopia
132224

Trichromacy



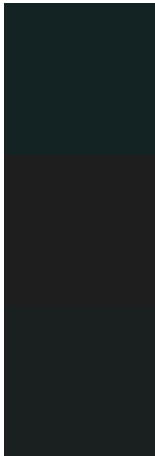
Original Color
132223

Protanomaly
1B2022

Deuteranomaly
1C2024

Tritanomaly
132224

Monochromacy



Original Color
132223

Achromatopsia
1E1E1E

Achromatomaly
1A1F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 132223 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 #132223 looks like.

```
.text, #text, p{  
    color:#132223  
}
```

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 #132223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132223
}
```

Border

The CSS property to change the border of an element to Hex 132223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

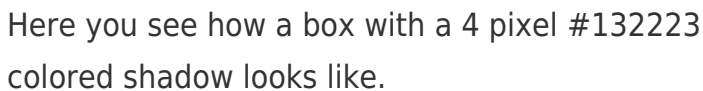
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#132223 }
```

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

```
.border{ border-color:#132223 }
```

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



Here you see how a box with a 4 pixel #132223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132223; -webkit-box-shadow:4px 4px  
4px 4px #132223; box-shadow:4px 4px 4px  
4px #132223 }
```

Background

The CSS property to change the background color of an element to Hex 132223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132223 }
```

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

```
.background{ background-color:#132223 }
```

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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