

Converting Colors

Hex(112D30)

Have a look what the booklet for
Hex(112D30) contains.

Hex(112D30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**112D30**)

Conversions

Conversions Part 1

Format	Color
Hex	112D30
RGB	17, 45, 48
RGB Percent	7%, 18%, 19%
CMY	0.9333, 0.8235, 0.8118
CMYK	0.65, 0.06, 0.00, 0.81
HSL	186°, 48%, 13%
HSV	186°, 65%, 19%
XYZ	1.7031, 2.2093, 3.1330
YIQ	36.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

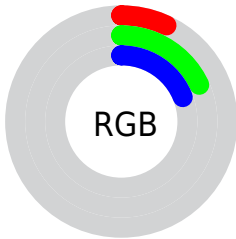
Format	Color
RYB	17, 32, 48
Decimal	1125680
CIELab	16.55, -9.46, -5.17
CIELCh	17, 10.781, 208.634
Yxy	2.2093, 0.2417, 0.3136
Android (android.graphics.Color)	4279315760 (0xFF112D30)
YUV	36.9700, 5.4378, -17.5137
Hunter-Lab	14.8639, -5.5598, -2.0924

Details

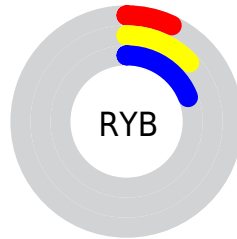
The Hex color **112D30** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301411**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3F5B5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2D30**, and if you desaturate by 10%, it is **162D30**.

Distribution



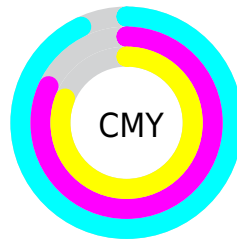
- Red (7%)
- Green (18%)
- Blue (19%)



- Red (7%)
- Yellow (13%)
- Blue (19%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)
- Black (81%)



- Cyan (93%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112D30 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 112D30 by changing the saturation by 10% instead.

■ 112D30

■ 112D30

■ F8FFFF

■ 00191B

■ 3F5B5E

■ 000000

■ 577377

■ 708D90

■ 89A7AB

■ A4C3C6

■ BFDEE2

■ DBFBFF

■ 112D30

■ 112D30

■ 0C2D30

■ 162D30

■ 072C30

■ 1B2E30

■ 032C30

■ 1F2E30

■ 002B30

■ 242F30

■ 292F30

■ 2E3030

■ 333030

■ 373130

■ 3C3130

Harmonies

Analogous

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



152D28



112D30



152C36

Triad

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



112D30



322531



2F281A

Complementary

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



112D30



301411

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.



35261C



112D30



37232A

Square

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



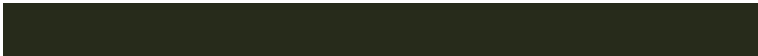
112D30



2A2736



382422



272B1B

Rectangle

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



112D30



1B2B38



382422



31271A

Sweetspot

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



112D30



323C3D



113014



181E1F



9E9E9E



1F1F1F

Same Dimension

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



112D30



0D393D



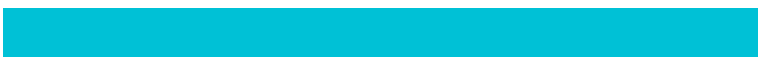
111E30



151717



004E57



00C1D6

Inverse Universe

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



30112D



3D0D39



302311



171517



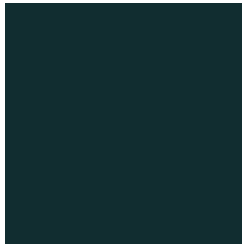
57004E



D600C1

Previews

White Background



This preview shows how the Hex color 112D30 looks on a white background.

Color Contrast Check

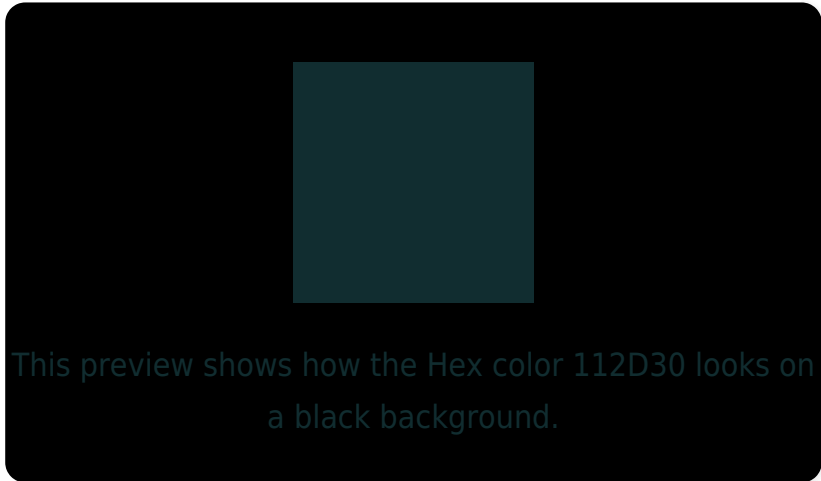
Large Text (above 18pt) WCAG AA ✓ Pass

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

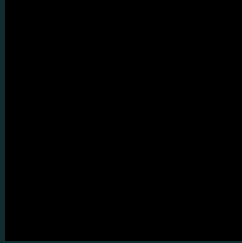
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

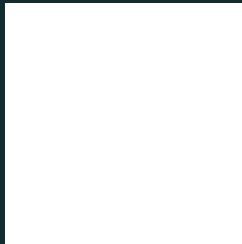
Any Text WCAG AAA × Fail

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

Hex 112D30 Background



This preview shows how black text looks on a background with the Hex color 112D30.

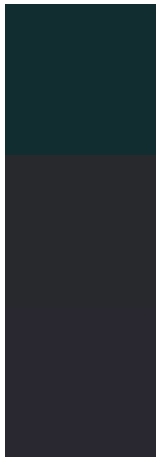


This preview shows how white text looks on a background with the Hex color 112D30.

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
112D30

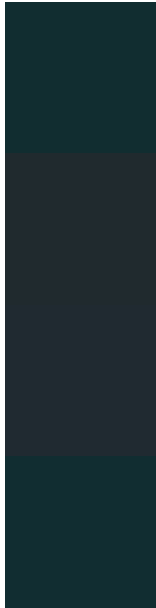
Protanopia
28292D

Deuteranopia
292831



Tritanopia
112D31

Trichromacy



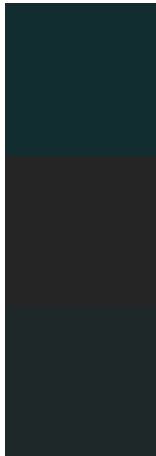
Original Color
112D30

Protanomaly
202A2E

Deuteranomaly
202A31

Tritanomaly
112D31

Monochromacy



Original Color
112D30

Achromatopsia
252525

Achromatomaly
1E2829

CSS Examples

Text

The CSS property to change the color of the text to Hex 112D30 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 #112D30 looks like.

```
.text, #text, p{  
    color:#112D30  
}
```

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 #112D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112D30
}
```

Border

The CSS property to change the border of an element to Hex 112D30 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
#112D30 }
```

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

```
.border{ border-color:#112D30 }
```

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

Here you see how a box with a 4 pixel #112D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112D30; -webkit-box-shadow:4px 4px  
4px 4px #112D30; box-shadow:4px 4px 4px  
4px #112D30 }
```

Background

The CSS property to change the background color of an element to Hex 112D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112D30 }
```

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

```
.background{ background-color:#112D30 }
```

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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