

Converting Colors

Hex(18270C)

Have a look what the booklet for
Hex(18270C) contains.

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Color

Hex(18270C)

Conversions

Conversions Part 1

Format	Color
Hex	18270C
RGB	24, 39, 12
RGB Percent	9%, 15%, 5%
CMY	0.9059, 0.8471, 0.9529
CMYK	0.38, 0.00, 0.69, 0.85
HSL	93°, 53%, 10%
HSV	93°, 69%, 15%
XYZ	1.1686, 1.6718, 0.6089
YIQ	31.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

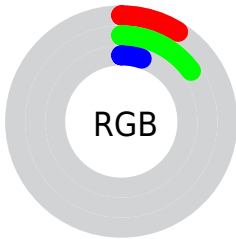
Format	Color
R_{YB}	12, 39, 27
Decimal	1582860
CIE _{Lab}	13.66, -12.45, 14.84
CIE _{LCh}	14, 19.372, 129.983
Yxy	1.6718, 0.3388, 0.4847
Android (android.graphics.Color)	4279772940 (0xFF18270C)
YUV	31.4370, -9.5824, -6.5222
Hunter-Lab	12.9297, -6.4944, 6.2585

Details

The Hex color **18270C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B0C27**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **445437**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **162708**, and if you desaturate by 10%, it is **1A2710**.

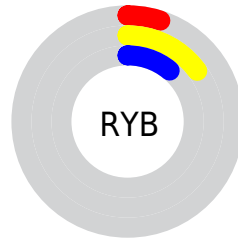
Distribution



Red (9%)

Green (15%)

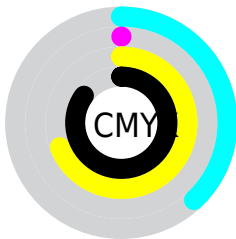
Blue (5%)



Red (5%)

Yellow (15%)

Blue (11%)

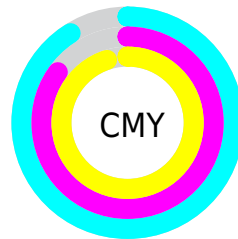


Cyan (38%)

Magenta (0%)

Yellow (69%)

Black (85%)



Cyan (91%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18270C 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 18270C by changing the saturation by 10% instead.

 18270C

 18270C

 FDF FEC

 001400

 445437

 000000

 5B6C4E

 748666

 8EA07F

 A9BB99

 C4D7B4

 EOF3D0

 18270C

 18270C

■ 162708

■ 1A2710

■ 142704

■ 1C2714

■ 122700

■ 1F2718

■ 112700

■ 21271C

■ 232720

■ 252723

■ 272727

■ 29272B

■ 2C272F

Harmonies

Analogous

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



272402



18270C



032919

Triad

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



18270C



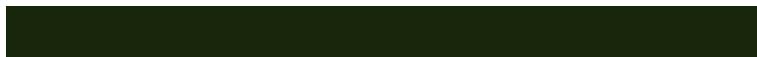
00273C



3C171F

Complementary

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



18270C



1B0C27

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.



37192C



18270C



13233D

Square

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



18270C



002934



2A1E38



3A1A12

Rectangle

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



18270C



002A22



2A1E38



3B1723

Sweetspot

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



18270C



2D3328



271B0C



161A13



999999



1A1A1A

Same Dimension

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



18270C



1B3309



0C270D



131412



255400



5ED400

Inverse Universe

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



1B0C27



200933



270C26



131214



2F0054



7600D4

Previews

White Background



This preview shows how the Hex color 18270C looks on a white background.

Color Contrast Check

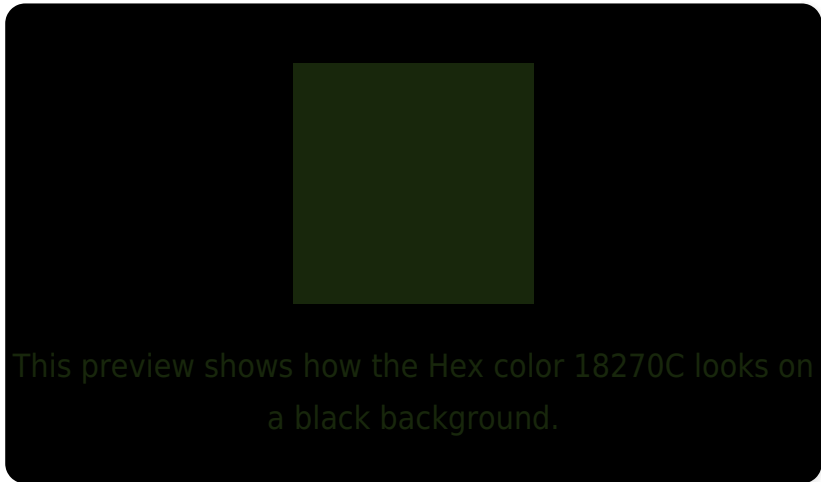
Large Text (above 18pt) WCAG AA ✓ Pass

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

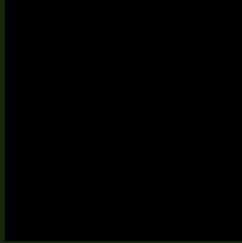
Any Text WCAG AA × Fail

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 18270C Background



This preview shows how black text looks on a background with the Hex color 18270C.



This preview shows how white text looks on a background with the Hex color 18270C.

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
18270C

Protanopia
27230B

Deuteranopia
2C210E

Trichromacy



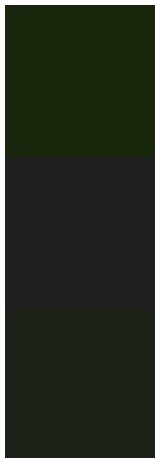
Original Color
18270C

Protanomaly
22240B

Deuteranomaly
25230D

Tritanomaly
1B251D

Monochromacy



Original Color
18270C

Achromatopsia
1F1F1F

Achromatomaly
1C2218

CSS Examples

Text

The CSS property to change the color of the text to Hex 18270C 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 #18270C looks like.

```
.text, #text, p{  
    color:#18270C  
}
```

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 #18270C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18270C
}
```

Border

The CSS property to change the border of an element to Hex 18270C is called "border". The border property can be set on classes, ids or directly on the HTML element.

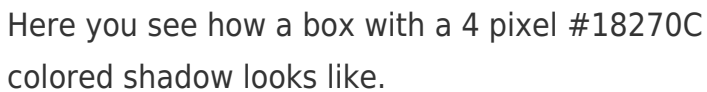
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18270C }
```

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

```
.border{ border-color:#18270C }
```

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



Here you see how a box with a 4 pixel #18270C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18270C; -webkit-box-shadow:4px 4px  
4px 4px #18270C; box-shadow:4px 4px 4px  
4px #18270C }
```

Background

The CSS property to change the background color of an element to Hex 18270C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18270C }
```

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

```
.background{ background-color:#18270C }
```

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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