

Converting Colors

Hex(17341B)

Have a look what the booklet for
Hex(17341B) contains.

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Color

Hex(17341B)

Conversions

Conversions Part 1

Format	Color
Hex	17341B
RGB	23, 52, 27
RGB Percent	9%, 20%, 11%
CMY	0.9098, 0.7961, 0.8941
CMYK	0.56, 0.00, 0.48, 0.80
HSL	128°, 39%, 15%
HSV	128°, 56%, 20%
XYZ	1.7792, 2.7173, 1.4676
YIQ	40.4790, -9.2590, -13.9230

Conversions

Conversions Part 2

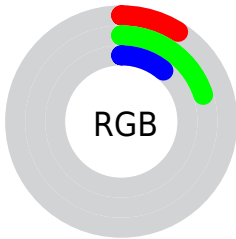
Format	Color
RYB	23, 48, 52
Decimal	1520667
CIELab	18.87, -17.56, 12.53
CIELCh	19, 21.573, 144.490
Yxy	2.7173, 0.2983, 0.4556
Android (android.graphics.Color)	4279710747 (0xFF17341B)
YUV	40.4790, -6.6451, -15.3291
Hunter-Lab	16.4842, -9.5814, 6.2602

Details

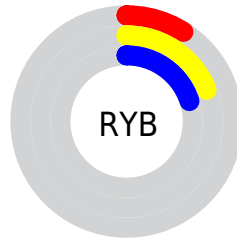
The Hex color **17341B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **341730**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **446347**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **123417**, and if you desaturate by 10%, it is **1C341F**.

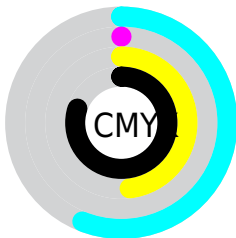
Distribution



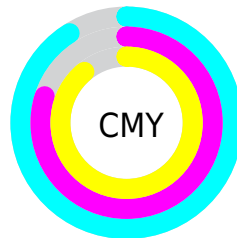
- Red (9%)
- Green (20%)
- Blue (11%)



- Red (9%)
- Yellow (19%)
- Blue (20%)



- Cyan (56%)
- Magenta (0%)
- Yellow (48%)
- Black (80%)



- Cyan (91%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17341B 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 17341B by changing the saturation by 10% instead.



17341B



17341B

FEFFFF



011F01



446347



000000



5C7C5E



759677



8FB191



AACCAB



C6E8C7



E2FFE3



17341B



17341B

■ 123417

■ 1C341F

■ 0D3412

■ 213424

■ 07340E

■ 273428

■ 023409

■ 2C342D

■ 003407

■ 313431

■ 363436

■ 3B343A

■ 41343F

■ 463443

Harmonies

Analogous

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



2A3110



17341B



00362A

Triad

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



17341B



05304D



4B2122

Complementary

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



17341B



341730

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.



492131



17341B



2A2B4A

Square

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



17341B



003447



3E2540



452615

Rectangle

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



17341B



003635



3E2540



4B2127

Sweetspot

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



17341B



39453B



303417



1D241E



A3A3A3



242424

Same Dimension

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



17341B



17451D



173429



171A17



00590C



00D91E

Inverse Universe

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



341730



45173E



341722



1A1719



59004D



D900BB

Previews

White Background



This preview shows how the Hex color 17341B looks on a white background.

Color Contrast Check

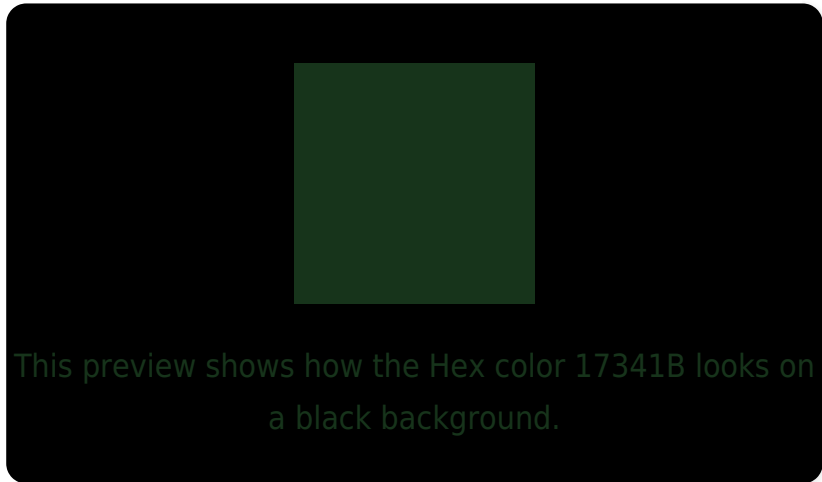
Large Text (above 18pt) WCAG AA ✓ Pass

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

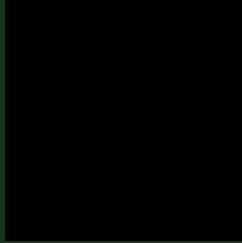
Any Text WCAG AA × Fail

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 17341B Background



This preview shows how black text looks on a background with the Hex color 17341B.



This preview shows how white text looks on a background with the Hex color 17341B.

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](#).

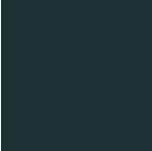
Dichromacy



Original Color
17341B

Protanopia
332E19

Deuteranopia
372C1D



Tritanopia
1D3135

Trichromacy



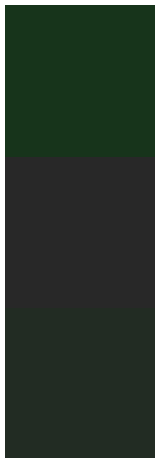
Original Color
17341B

Protanomaly
29301A

Deuteranomaly
2B2F1C

Tritanomaly
1B322C

Monochromacy



Original Color
17341B

Achromatopsia
282828

Achromatomaly
222C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 17341B 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 #17341B looks like.

```
.text, #text, p{  
    color:#17341B  
}
```

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 #17341B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17341B
}
```

Border

The CSS property to change the border of an element to Hex 17341B 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".

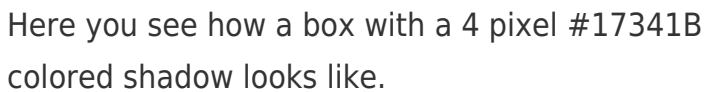
```
.border, #border, table{ border:4px solid
#17341B }
```

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

```
.border{ border-color:#17341B }
```

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

Here you see how a box with a 4 pixel #17341B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17341B; -webkit-box-shadow:4px 4px  
4px 4px #17341B; box-shadow:4px 4px 4px  
4px #17341B }
```

Background

The CSS property to change the background color of an element to Hex 17341B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17341B }
```

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

```
.background{ background-color:#17341B }
```

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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