

Converting Colors

Hex(1A3B17)

Have a look what the booklet for
Hex(1A3B17) contains.

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Color

Hex(1A3B17)

Conversions

Conversions Part 1

Format	Color
Hex	1A3B17
RGB	26, 59, 23
RGB Percent	10%, 23%, 9%
CMY	0.8980, 0.7686, 0.9098
CMYK	0.56, 0.00, 0.61, 0.77
HSL	115°, 44%, 16%
HSV	115°, 61%, 23%
XYZ	2.1446, 3.4094, 1.3557
YIQ	45.0290, -8.1120, -18.1920

Conversions

Conversions Part 2

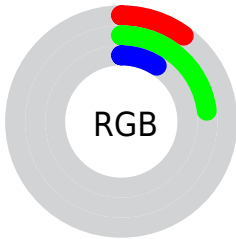
Format	Color
R_{YB}	23, 59, 56
Decimal	1719063
CIE _{Lab}	21.61, -20.84, 18.50
CIE _{LCh}	22, 27.866, 138.410
Y _{xy}	3.4094, 0.3104, 0.4934
Android (android.graphics.Color)	4279909143 (0xFF1A3B17)
YUV	45.0290, -10.8603, -16.6884
Hunter-Lab	18.4646, -11.5806, 8.5722

Details

The Hex color **1A3B17** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **38173B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **496B43**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **153B11**, and if you desaturate by 10%, it is **1F3B1D**.

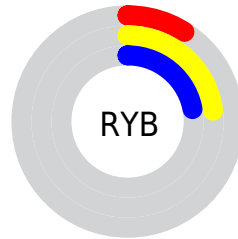
Distribution



Red (10%)

Green (23%)

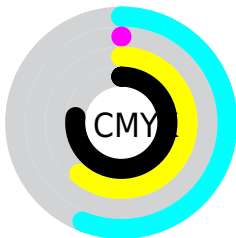
Blue (9%)



Red (9%)

Yellow (23%)

Blue (22%)

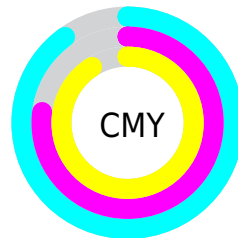


Cyan (56%)

Magenta (0%)

Yellow (61%)

Black (77%)



Cyan (90%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3B17 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 1A3B17 by changing the saturation by 10% instead.

 1A3B17


 1A3B17

 FFFFFB

 062500

 496B43

 000B00

 61845B

 000000

 7A9E73

 95B98D

 B0D5A8

 CBF1C3

 E8FFDF

 1A3B17

 1A3B17

■ 153B11

■ 1F3B1D

■ 0F3B0B

■ 253B23

■ 0A3B05

■ 2A3B29

■ 053B00

■ 303B2F

■ 353B35

■ 3A3B3A

■ 403B40

■ 453B46

■ 4B3B4C

Harmonies

Analogous

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



333708



1A3B17



003D2B

Triad

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



1A3B17



00385C



592128

Complementary

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



1A3B17



38173B

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.



55223D



1A3B17



26325B

Square

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



1A3B17



003C52



45294F



532816

Rectangle

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



1A3B17



003E39



45294F



59212F

Sweetspot

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



1A3B17



404D3F



3B3817



1F261E



A6A6A6



262626

Same Dimension

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



1A3B17



194D15



173B26



1C1F1C



085E00



12DE00

Inverse Universe

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



38173B



48154D



3B172C



1E1C1F



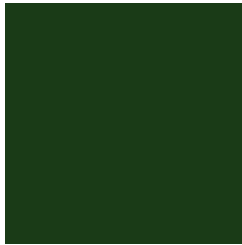
56005E



CB00DE

Previews

White Background



This preview shows how the Hex color 1A3B17 looks on a white background.

Color Contrast Check

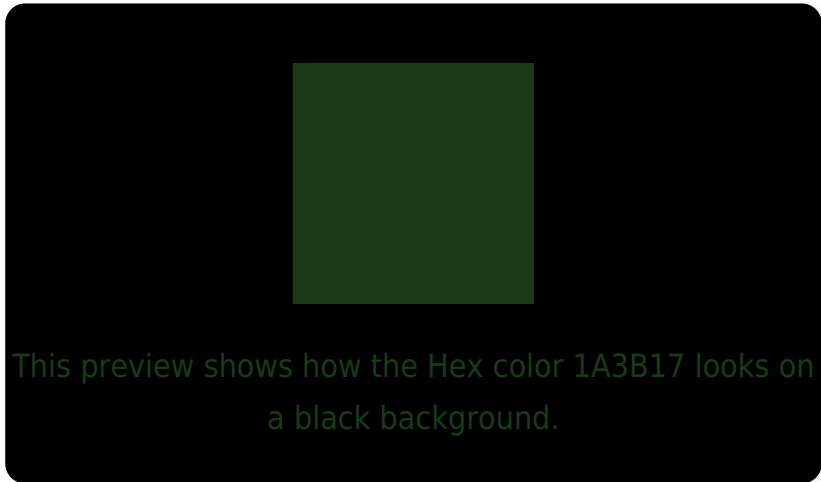
Large Text (above 18pt) WCAG AA ✓ Pass

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

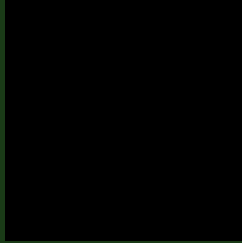
Any Text WCAG AA × Fail

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 1A3B17 Background



This preview shows how black text looks on a background with the Hex color 1A3B17.



This preview shows how white text looks on a background with the Hex color 1A3B17.

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
1A3B17

Protanopia
3A3415

Deuteranopia
40311A



Tritanopia
22373C

Trichromacy



Original Color
1A3B17

Protanomaly
2E3716

Deuteranomaly
323519

Tritanomaly
1F382F

Monochromacy



Original Color
1A3B17

Achromatopsia
2D2D2D

Achromatomaly
263225

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3B17 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 #1A3B17 looks like.

```
.text, #text, p{  
    color:#1A3B17  
}
```

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 #1A3B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3B17
}
```

Border

The CSS property to change the border of an element to Hex 1A3B17 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
#1A3B17 }
```

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

```
.border{ border-color:#1A3B17 }
```

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

Here you see how a box with a 4 pixel #1A3B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3B17; -webkit-box-shadow:4px 4px  
4px 4px #1A3B17; box-shadow:4px 4px 4px  
4px #1A3B17 }
```

Background

The CSS property to change the background color of an element to Hex 1A3B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3B17 }
```

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

```
.background{ background-color:#1A3B17 }
```

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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