

Converting Colors

Hex(1A2016)

Have a look what the booklet for
Hex(1A2016) contains.

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Color

Hex(1A2016)

Conversions

Conversions Part 1

Format	Color
Hex	1A2016
RGB	26, 32, 22
RGB Percent	10%, 13%, 9%
CMY	0.8980, 0.8745, 0.9137
CMYK	0.19, 0.00, 0.31, 0.87
HSL	96°, 19%, 11%
HSV	96°, 31%, 13%
XYZ	1.0873, 1.3106, 0.9547
YIQ	29.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

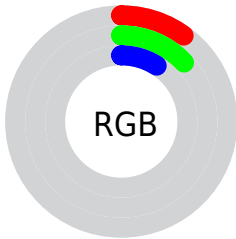
Format	Color
R_{YB}	22, 32, 28
Decimal	1712150
CIE _{Lab}	11.35, -5.22, 5.91
CIE _{LCh}	11, 7.888, 131.455
Yxy	1.3106, 0.3243, 0.3909
Android (android.graphics.Color)	4279902230 (0xFF1A2016)
YUV	29.0660, -3.4835, -2.6889
Hunter-Lab	11.4480, -3.0800, 3.0691

Details

The Hex color **1A2016** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C1620**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **454C40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **182013**, and if you desaturate by 10%, it is **1C2019**.

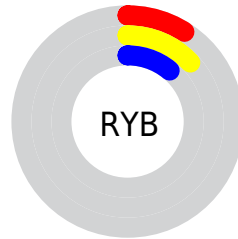
Distribution



Red (10%)

Green (13%)

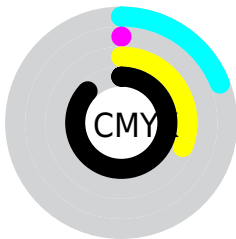
Blue (9%)



Red (9%)

Yellow (13%)

Blue (11%)

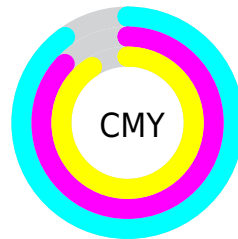


Cyan (19%)

Magenta (0%)

Yellow (31%)

Black (87%)



Cyan (90%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2016 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 1A2016 by changing the saturation by 10% instead.

■ 1A2016

■ 1A2016

■ FDFFF7

■ 000900

■ 454C40

■ 000000

■ 5D6458

■ 757D70

■ 8F978A

■ A9B1A4

■ C5CDBF

■ E1E9DB

■ 1A2016

■ 1A2016

■ 182013

■ 1C2019

■ 162010

■ 1E201C

■ 14200C

■ 202020

■ 122009

■ 222023

■ 102006

■ 242026

■ 0E2003

■ 262029

■ 0D2000

■ 27202C

■ 292030

■ 2B2033

Harmonies

Analogous

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



201E13



1A2016



14211B

Triad

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



1A2016



132028



291A1C

Complementary

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



1A2016



1C1620

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.



271B22



1A2016



1A1E29

Square

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



1A2016



0F2125



221C26



281B17

Rectangle

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



1A2016



11211E



221C26



291A1E

Sweetspot

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



1A2016



272925



201C16



131412



949494



141414

Same Dimension

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



1A2016



1F2919



162017



0E0F0E



204F00



53CF00

Inverse Universe

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



1C1620



231929



20161F



0F0E0F



2F004F



7C00CF

Previews

White Background



This preview shows how the Hex color 1A2016 looks on a white background.

Color Contrast Check

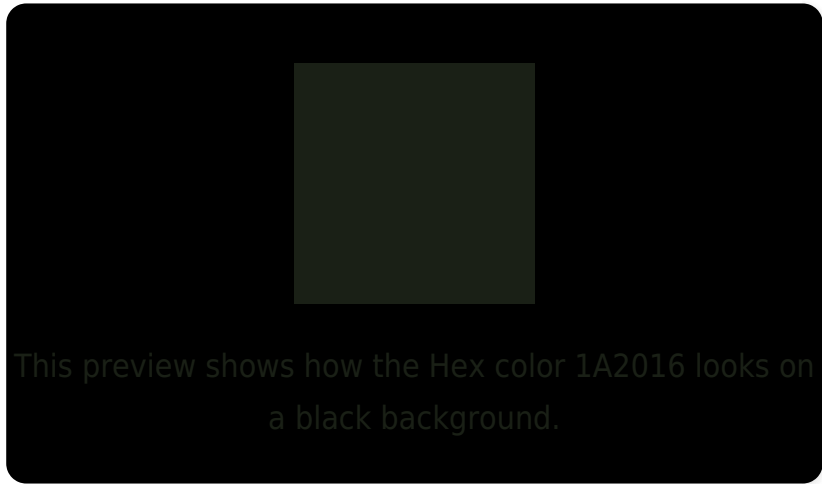
Large Text (above 18pt) WCAG AA ✓ Pass

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

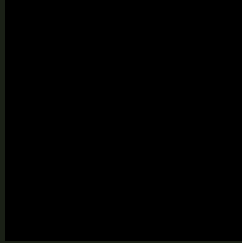
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

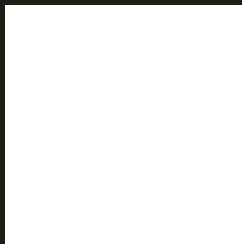
Any Text WCAG AAA × Fail

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

Hex 1A2016 Background



This preview shows how black text looks on a background with the Hex color 1A2016.

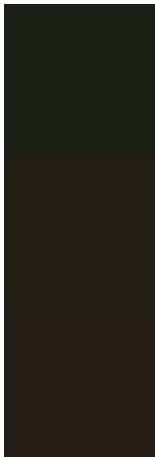


This preview shows how white text looks on a background with the Hex color 1A2016.

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
1A2016

Protanopia
211E15

Deuteranopia
241D17



Tritanopia
1C1F21

Trichromacy



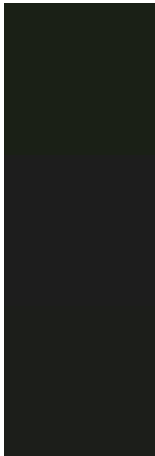
Original Color
1A2016

Protanomaly
1E1F15

Deuteranomaly
201E17

Tritanomaly
1B1F1D

Monochromacy



Original Color
1A2016

Achromatopsia
1D1D1D

Achromatomaly
1C1E1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2016 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 #1A2016 looks like.

```
.text, #text, p{  
    color:#1A2016  
}
```

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 #1A2016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2016
}
```

Border

The CSS property to change the border of an element to Hex 1A2016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

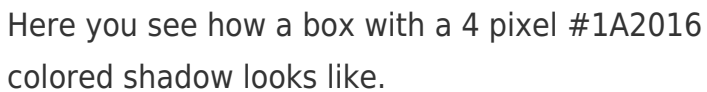
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A2016 }
```

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

```
.border{ border-color:#1A2016 }
```

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



Here you see how a box with a 4 pixel #1A2016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2016; -webkit-box-shadow:4px 4px  
4px 4px #1A2016; box-shadow:4px 4px 4px  
4px #1A2016 }
```

Background

The CSS property to change the background color of an element to Hex 1A2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2016 }
```

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

```
.background{ background-color:#1A2016 }
```

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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