

Converting Colors

Hex(1B1600)

Have a look what the booklet for
Hex(1B1600) contains.

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Color

Hex(1B1600)

Conversions

Conversions Part 1

Format	Color
Hex	1B1600
RGB	27, 22, 0
RGB Percent	11%, 9%, 0%
CMY	0.8941, 0.9137, 1.0000
CMYK	0.00, 0.19, 1.00, 0.89
HSL	49°, 100%, 5%
HSV	49°, 100%, 11%
XYZ	0.7389, 0.8068, 0.1168
YIQ	20.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

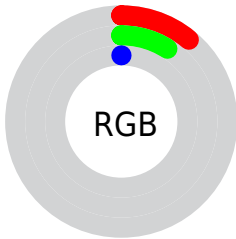
Format	Color
RYB	6, 27, 0
Decimal	1775104
CIELab	7.29, -1.15, 10.90
CIELCh	7, 10.955, 96.002
Yxy	0.8068, 0.4444, 0.4853
Android (android.graphics.Color)	4279965184 (0xFF1B1600)
YUV	20.9870, -10.3466, 5.2734
Hunter-Lab	8.9824, -1.0355, 5.5168

Details

The Hex color **1B1600** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **00051B**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **454030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B1600**, and if you desaturate by 10%, it is **1B1603**.

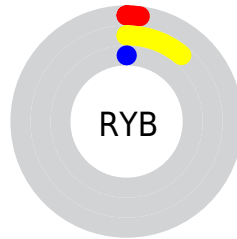
Distribution



Red (11%)

Green (9%)

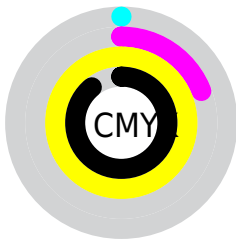
Blue (0%)



Red (2%)

Yellow (11%)

Blue (0%)

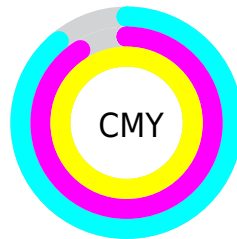


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (89%)



Cyan (89%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1600 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 1B1600 by changing the saturation by 10% instead.

 1B1600

 1B1600

 FEF7E2

 000000

 454030

 5D5846

 76705E

 8F8977

 AAA490

 C5BFAB

 E1DBC6

 1B1600

■ 1B1603

■ 1B1705

■ 1B1708

■ 1B180B

■ 1B190E

■ 1B1910

■ 1B1913

■ 1B1A16

■ 1B1B18

Harmonies

Analogous

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



211302



1B1600



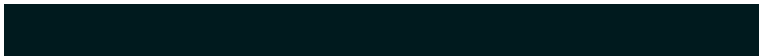
121805

Triad

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



1B1600



001A1E



20111C

Complementary

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



1B1600



00051B

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.



191422



1B1600



011923

Square

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



1B1600



001B17



0E1624



241015

Rectangle

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



1B1600



0A1A0B



0E1624



1E121E

Sweetspot

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



1B1600



242219



1B0005



12110B



919191



121212

Same Dimension

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



1B1600



241D00



131B00



0D0D0B



4D3E00



CCA600

Inverse Universe

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



00051B



000724



08001B



0B0C0D



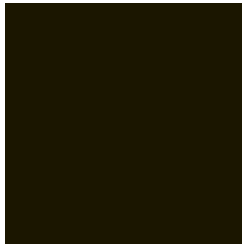
000E4D



0026CC

Previews

White Background



This preview shows how the Hex color 1B1600 looks on a white background.

Color Contrast Check

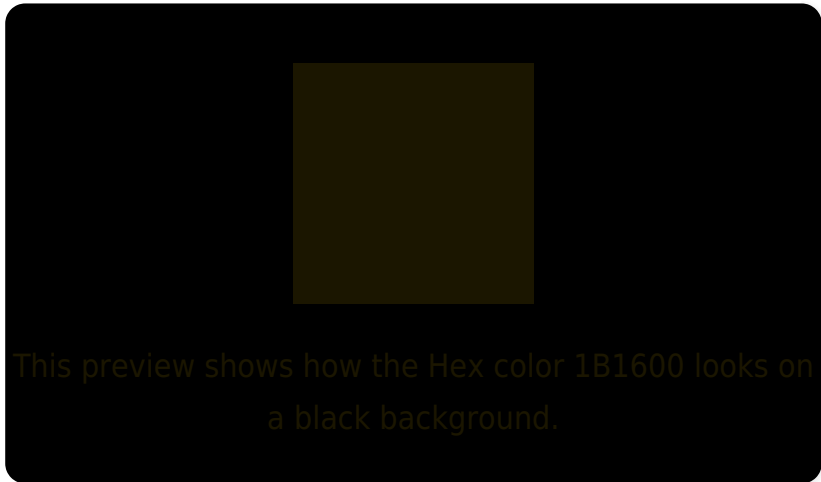
Large Text (above 18pt) WCAG AA ✓ Pass

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

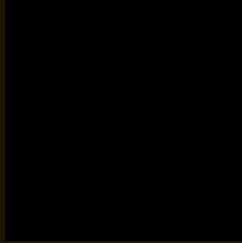
Any Text WCAG AA × Fail

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 1B1600 Background



This preview shows how black text looks on a background with the Hex color 1B1600.

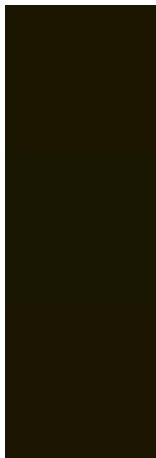


This preview shows how white text looks on a background with the Hex color 1B1600.

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
1B1600

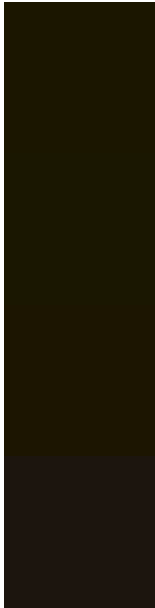
Protanopia
191701

Deuteranopia
1C1502



Tritanopia
1C1416

Trichromacy



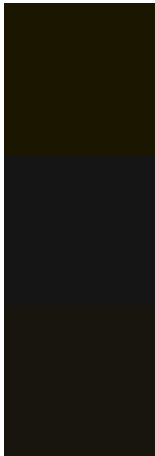
Original Color
1B1600

Protanomaly
1A1701

Deuteranomaly
1C1501

Tritanomaly
1C150E

Monochromacy



Original Color
1B1600

Achromatopsia
151515

Achromatomaly
17150D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1600 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 #1B1600 looks like.

```
.text, #text, p{  
    color:#1B1600  
}
```

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 #1B1600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1600
}
```

Border

The CSS property to change the border of an element to Hex 1B1600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

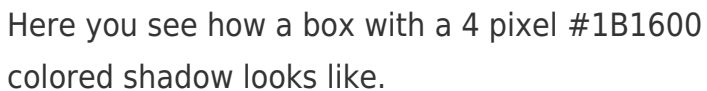
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1600 }
```

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

```
.border{ border-color:#1B1600 }
```

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



Here you see how a box with a 4 pixel #1B1600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1600; -webkit-box-shadow:4px 4px  
4px 4px #1B1600; box-shadow:4px 4px 4px  
4px #1B1600 }
```

Background

The CSS property to change the background color of an element to Hex 1B1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1600 }
```

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

```
.background{ background-color:#1B1600 }
```

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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