

Converting Colors

Hex(1B1218)

Have a look what the booklet for
Hex(1B1218) contains.

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Color

Hex(1B1218)

Conversions

Conversions Part 1

Format	Color
Hex	1B1218
RGB	27, 18, 24
RGB Percent	11%, 7%, 9%
CMY	0.8941, 0.9294, 0.9059
CMYK	0.00, 0.33, 0.11, 0.89
HSL	320°, 20%, 9%
HSV	320°, 33%, 11%
XYZ	0.8332, 0.7316, 0.9614
YIQ	21.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

Format	Color
RYB	27, 18, 24
Decimal	1774104
CIELab	6.61, 5.65, -2.36
CIELCh	7, 6.119, 337.329
Yxy	0.7316, 0.3298, 0.2896
Android (android.graphics.Color)	4279964184 (0xFF1B1218)
YUV	21.3750, 1.2941, 4.9331
Hunter-Lab	8.5532, 2.4197, -0.6774

Details

The Hex color **1B1218** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **121B15**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **463C43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0F17**, and if you desaturate by 10%, it is **1B1519**.

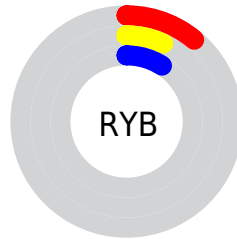
Distribution



Red (11%)

Green (7%)

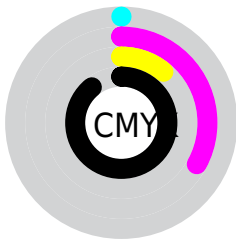
Blue (9%)



Red (11%)

Yellow (7%)

Blue (9%)

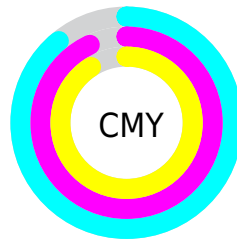


Cyan (0%)

Magenta (33%)

Yellow (11%)

Black (89%)



Cyan (89%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1218 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 1B1218 by changing the saturation by 10% instead.

■ 1B1218

■ 1B1218

■ FFF2FA

■ 000000

■ 463C43

■ 5E535A

■ 766B73

■ 90858C

■ AB9FA6

■ C6BAC1

■ E2D5DD

■ 1B1218

■ 1B1218

■ 1B0F17

■ 1B1519

■ 1B0D16

■ 1B171A

■ 1B0A15

■ 1B1A1B

■ 1B0714

■ 1B1D1C

■ 1B0514

■ 1B201D

■ 1B0213

■ 1B221D

■ 1B0012

■ 1B251E

■ 1B281F

■ 1B2A20

Harmonies

Analogous

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



17131B



1B1218



1D1214

Triad

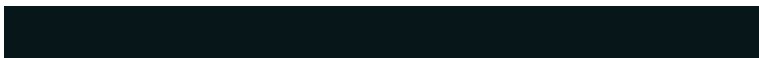
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B1218



171509



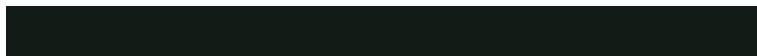
071719

Complementary

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



1B1218



121B15

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.



071716



1B1218



12160C

Square

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



1B1218



1B130A



0C1711



0B161C

Rectangle

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



1B1218



1D1210



0C1711



071718

Sweetspot

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



1B1218



242023



15121B



121011



919191



121212

Same Dimension

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



1B1218



24151F



1B1214



0D0B0C



4D0033



CC0088

Inverse Universe

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



1B1218



24151F



121B19



0D0B0C



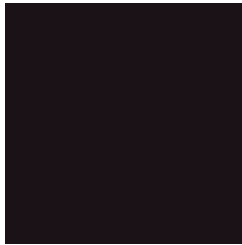
4D0033



CC0088

Previews

White Background



This preview shows how the Hex color 1B1218 looks on a white background.

Color Contrast Check

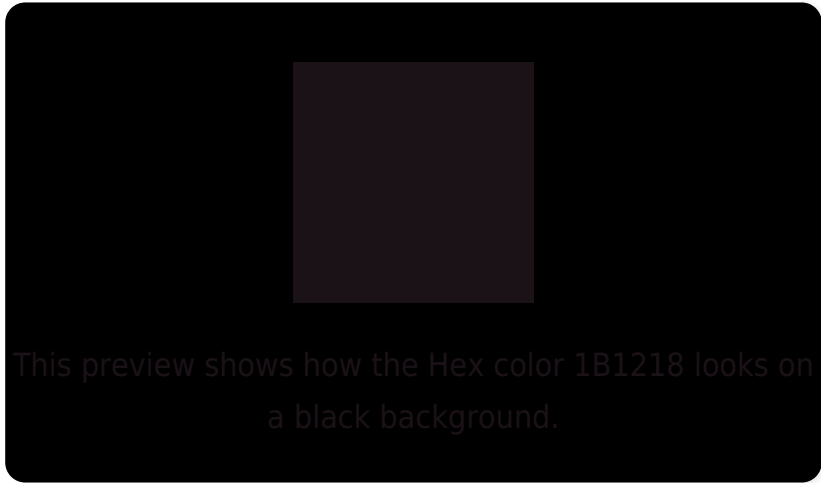
Large Text (above 18pt) WCAG AA ✓ Pass

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

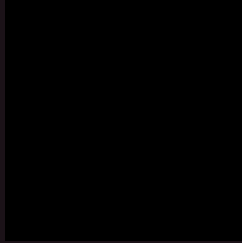
Any Text WCAG AA × Fail

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 1B1218 Background



This preview shows how black text looks on a background with the Hex color 1B1218.

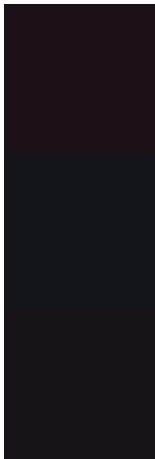


This preview shows how white text looks on a background with the Hex color 1B1218.

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
1B1218

Protanopia
14151A

Deuteranopia
161418



Tritanopia
1B1314

Trichromacy



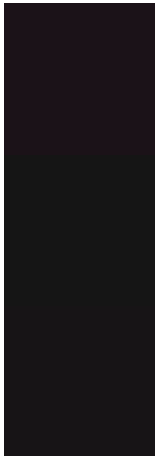
Original Color
1B1218

Protanomaly
171419

Deuteranomaly
181318

Tritanomaly
1B1315

Monochromacy



Original Color
1B1218

Achromatopsia
151515

Achromatomaly
171416

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1218 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 #1B1218 looks like.

```
.text, #text, p{  
    color:#1B1218  
}
```

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 #1B1218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1218
}
```

Border

The CSS property to change the border of an element to Hex 1B1218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

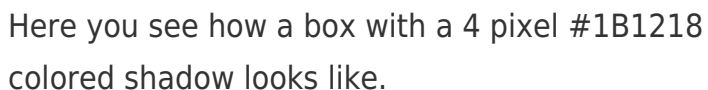
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1218 }
```

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

```
.border{ border-color:#1B1218 }
```

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



Here you see how a box with a 4 pixel #1B1218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1218; -webkit-box-shadow:4px 4px  
4px 4px #1B1218; box-shadow:4px 4px 4px  
4px #1B1218 }
```

Background

The CSS property to change the background color of an element to Hex 1B1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1218 }
```

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

```
.background{ background-color:#1B1218 }
```

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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