

# Converting Colors

Hex(1A1827)

Have a look what the booklet for  
Hex(1A1827) contains.

<b>Hex(1A1827)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1A1827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A1827
RGB	26, 24, 39
RGB Percent	10%, 9%, 15%
CMY	0.8980, 0.9059, 0.8471
CMYK	0.33, 0.38, 0.00, 0.85
HSL	248°, 24%, 12%
HSV	248°, 38%, 15%
XYZ	1.1188, 1.0194, 2.0572
YIQ	26.3080, -3.6230, 5.0890

# Conversions

## Conversions Part 2

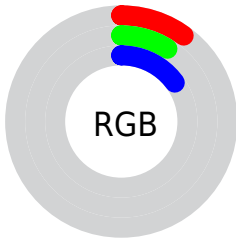
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 24, 39
Decimal	1710119
CIELab	9.15, 5.33, -9.90
CIELCh	9, 11.246, 298.278
Yxy	1.0194, 0.2667, 0.2430
Android (android.graphics.Color)	4279900199 (0xFF1A1827)
YUV	26.3080, 6.2572, -0.2701
Hunter-Lab	10.0964, 2.1122, -5.0135

# Details

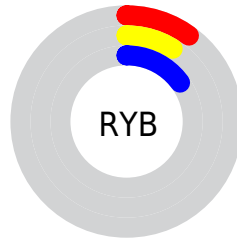
The Hex color **1A1827** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **252718**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **464354**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **171427**, and if you desaturate by 10%, it is **1D1C27**.

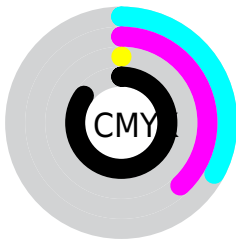
# Distribution



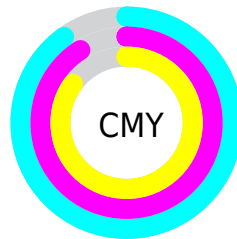
- Red (10%)
- Green (9%)
- Blue (15%)



- Red (10%)
- Yellow (9%)
- Blue (15%)



- Cyan (33%)
- Magenta (38%)
- Yellow (0%)
- Black (85%)



- Cyan (90%)
- Magenta (91%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A1827 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 1A1827 by changing the saturation by 10% instead.



■ 1A1827

■ 1A1827

■ FEFAFF

■ 000012

■ 464354

■ 000000

■ 5D5A6C

■ 767386

■ 908CA0

■ AAA6BB

■ C5C2D6

■ E2DDF3

■ 1A1827

■ 1A1827

■ 171427

■ 1D1C27

■ 131027

■ 212027

■ 100C27

■ 242427

■ 0C0827

■ 282827

■ 090427

■ 2B2C27

■ 060127

■ 2E2F27

■ 050027

■ 323327

■ 353727

■ 383B27

# Harmonies

## Analogous

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



0E1B29



1A1827



231522

# Triad

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



1A1827



26160A



041E19

# Complementary

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



1A1827



252718

# 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.



0E1D11



1A1827



201906

# Square

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



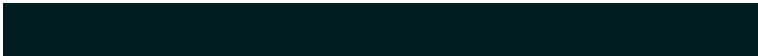
1A1827



281413



181B09



001E21

# Rectangle

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



1A1827



27141D



181B09



071E16



# Sweetspot

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



1A1827



2E2D33



182527



16161A



999999



1A1A1A



# Same Dimension

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



1A1827



1F1C33



221827



131214



0B0054



1C00D4



# Inverse Universe

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



271825



331C30



1E2718



141214



540049

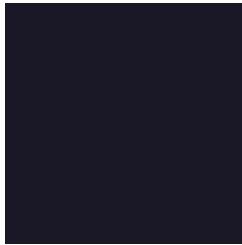


D400B7



# Previews

## White Background



This preview shows how the Hex color 1A1827 looks on a white background.

## Color Contrast Check

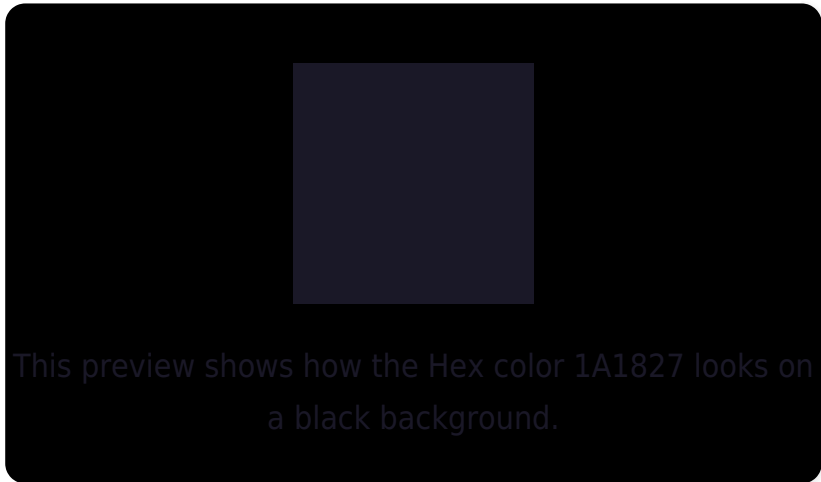
Large Text (above 18pt) WCAG AA ✓ Pass

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

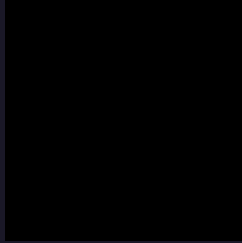
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A1827 Background



This preview shows how black text looks on a background with the Hex color 1A1827.

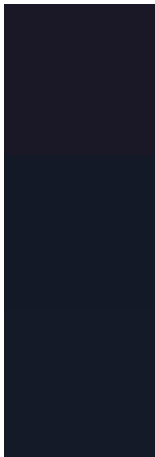


This preview shows how white text looks on a background with the Hex color 1A1827.

# 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**  
1A1827

**Protanopia**  
141928

**Deuteranopia**  
141A27



# Trichromacy



**Original Color**  
1A1827

**Protanomaly**  
161928

**Deuteranomaly**  
161927

**Tritanomaly**  
191920

# Monochromacy



**Original Color**  
1A1827

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1A191F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A1827 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 #1A1827 looks like.

```
.text, #text, p{  
    color:#1A1827  
}
```

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 #1A1827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1827
}
```

## Border

The CSS property to change the border of an element to Hex 1A1827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

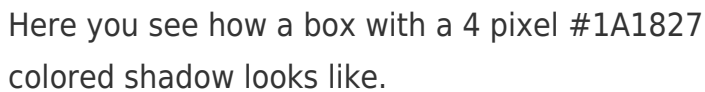
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A1827 }
```

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

```
.border{ border-color:#1A1827 }
```

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



Here you see how a box with a 4 pixel #1A1827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1827; -webkit-box-shadow:4px 4px  
4px 4px #1A1827; box-shadow:4px 4px 4px  
4px #1A1827 }
```

# Background

The CSS property to change the background color of an element to Hex 1A1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1827 }
```

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

```
.background{ background-color:#1A1827 }
```

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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