

# Converting Colors

Hex(1A161E)

Have a look what the booklet for  
Hex(1A161E) contains.

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# Color

**Hex(1A161E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A161E
RGB	26, 22, 30
RGB Percent	10%, 9%, 12%
CMY	0.8980, 0.9137, 0.8824
CMYK	0.13, 0.27, 0.00, 0.88
HSL	270°, 15%, 10%
HSV	270°, 27%, 12%
XYZ	0.9473, 0.8872, 1.3496
YIQ	24.1080, -0.1840, 3.3360

# Conversions

## Conversions Part 2

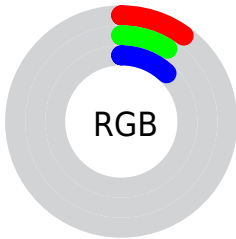
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 22, 30
Decimal	1709598
CIE <sub>Lab</sub>	8.01, 4.09, -4.88
CIE <sub>LCh</sub>	8, 6.371, 309.970
Yxy	0.8872, 0.2975, 0.2786
Android (android.graphics.Color)	4279899678 (0xFF1A161E)
YUV	24.1080, 2.9048, 1.6593
Hunter-Lab	9.4190, 1.4684, -1.9022

# Details

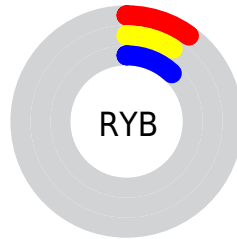
The Hex color **1A161E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A1E16**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **45404A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18131E**, and if you desaturate by 10%, it is **1B191E**.

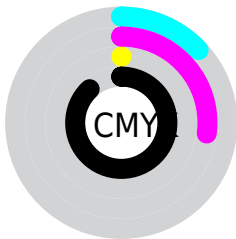
# Distribution



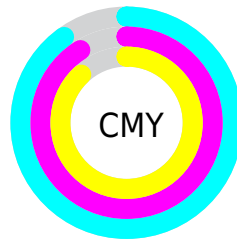
- Red (10%)
- Green (9%)
- Blue (12%)



- Red (10%)
- Yellow (9%)
- Blue (12%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (88%)



- Cyan (90%)
- Magenta (91%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A161E 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 1A161E by changing the saturation by 10% instead.



■ 1A161E

■ 1A161E

■ FDF7FF

■ 000004

■ 45404A

■ 000000

■ 5D5861

■ 75707A

■ 8F8994

■ A9A4AF

■ C5BFCA

■ E1DBE6

■ 1A161E

■ 1A161E

■ 18131E

■ 1B191E

■ 17101E

■ 1D1C1E

■ 150D1E

■ 1E1F1E

■ 140A1E

■ 20221E

■ 12071E

■ 21251E

■ 11041E

■ 23281E

■ 0F011E

■ 242B1E

■ 0F001E

■ 262E1E

■ 27311E

# Harmonies

## Analogous

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



141720



1A161E



1E151B

# Triad

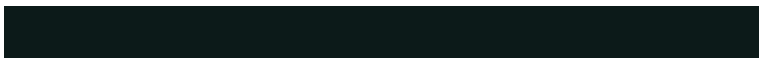
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A161E



1E160E



0C1A19

# Complementary

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



1A161E



1A1E16

# 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.



0F1A14



1A161E



1A180E

# Square

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



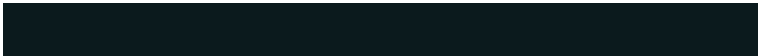
1A161E



201512



151910



0B1A1D

# Rectangle

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



1A161E



201518



151910



0C1A17



# Sweetspot

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



1A161E



252326



161A1E



131214



949494



141414



# Same Dimension

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



1A161E



201A26



1E161E



0F0E0F



28004F



6700CF



# Inverse Universe

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



1E161A



261A20



161E16



0F0E0F



4F0028

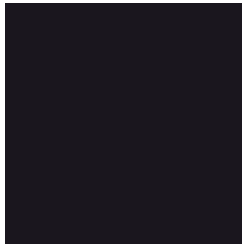


CF0067



# Previews

## White Background



This preview shows how the Hex color 1A161E looks on a white background.

## Color Contrast Check

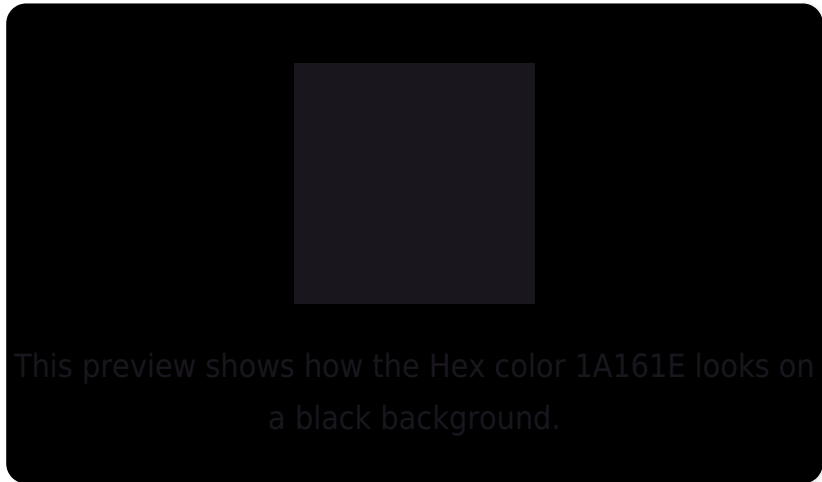
Large Text (above 18pt) WCAG AA ✓ Pass

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

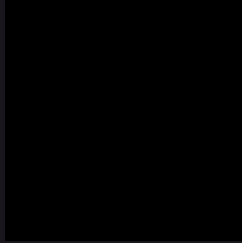
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A161E Background



This preview shows how black text looks on a background with the Hex color 1A161E.

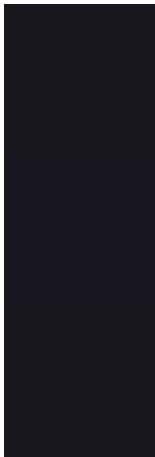


This preview shows how white text looks on a background with the Hex color 1A161E.

# 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**  
1A161E

**Protanopia**  
16171F

**Deuteranopia**  
17171E



**Tritanopia**  
191719

# Trichromacy



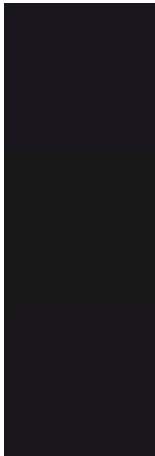
**Original Color**  
1A161E

**Protanomaly**  
17171F

**Deuteranomaly**  
18171E

**Tritanomaly**  
19171B

# Monochromacy



**Original Color**  
1A161E

**Achromatopsia**  
181818

**Achromatomaly**  
19171A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A161E 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 #1A161E looks like.

```
.text, #text, p{  
    color:#1A161E  
}
```

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 #1A161E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A161E
}
```

## Border

The CSS property to change the border of an element to Hex 1A161E is called "border". The border property can be set on classes, ids or directly on the HTML element.

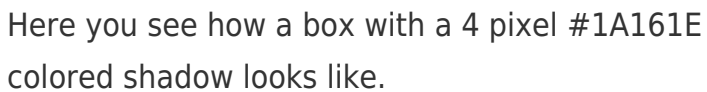
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A161E }
```

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

```
.border{ border-color:#1A161E }
```

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



Here you see how a box with a 4 pixel #1A161E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A161E; -webkit-box-shadow:4px 4px  
4px 4px #1A161E; box-shadow:4px 4px 4px  
4px #1A161E }
```

# Background

The CSS property to change the background color of an element to Hex 1A161E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A161E }
```

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

```
.background{ background-color:#1A161E }
```

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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