

# Converting Colors

Hex(1A1F49)

Have a look what the booklet for  
Hex(1A1F49) contains.

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# Color

**Hex(1A1F49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A1F49
RGB	26, 31, 73
RGB Percent	10%, 12%, 29%
CMY	0.8980, 0.8784, 0.7137
CMYK	0.64, 0.58, 0.00, 0.71
HSL	234°, 47%, 19%
HSV	234°, 64%, 29%
XYZ	2.1186, 1.6806, 6.5161
YIQ	34.2930, -16.4620, 12.0020

# Conversions

## Conversions Part 2

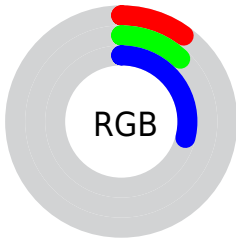
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 31, 73
Decimal	1711945
CIE <sub>Lab</sub>	13.71, 12.64, -27.00
CIE <sub>LCh</sub>	14, 29.813, 295.088
Yxy	1.6806, 0.2054, 0.1629
Android (android.graphics.Color)	4279902025 (0xFF1A1F49)
YUV	34.2930, 19.0826, -7.2730
Hunter-Lab	12.9639, 6.4840, -20.7263

# Details

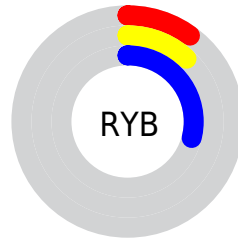
The Hex color **1A1F49** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **49441A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4B4B7A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **131849**, and if you desaturate by 10%, it is **212649**.

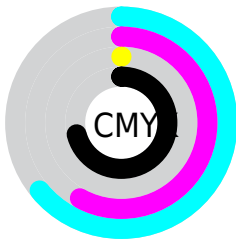
# Distribution



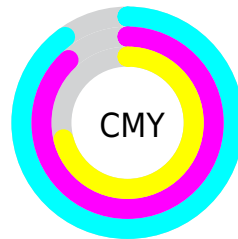
- Red (10%)
- Green (12%)
- Blue (29%)



- Red (10%)
- Yellow (12%)
- Blue (29%)



- Cyan (64%)
- Magenta (58%)
- Yellow (0%)
- Black (71%)



- Cyan (90%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A1F49 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 1A1F49 by changing the saturation by 10% instead.





1A1F49



1A1F49

FFFFFF



030732



4B4B7A



00021D



646294



000000



7D7BAF



9895CA



B3B0E7



CFCBFF



EBE7FF



1A1F49



1A1F49

■ 131849

■ 212649

■ 0B1249

■ 292C49

■ 040B49

■ 303349

■ 000849

■ 373949

■ 3F4049

■ 464649

■ 4D4D49

■ 545349

■ 5C5A49

# Harmonies

## Analogous

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



00274D



1A1F49



38143B

# Triad

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



1A1F49



3F1800



002C1F

# Complementary

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



1A1F49



49441A

# 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.



002A06



1A1F49



302100

# Square

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



1A1F49



470E13



1D2700



002C34

# Rectangle

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



1A1F49



430E2E



1D2700



002C18



# Sweetspot

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



1A1F49



4C4E5E



1A4944



252630



B0B0B0



303030



# Same Dimension

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



1A1F49



161D5E



2C1A49



202124



000B63



0018E3



# Inverse Universe

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



491A1F



5E161D



37491A



242021



63000B



E30018



# Previews

## White Background



This preview shows how the Hex color 1A1F49 looks on a white background.

## Color Contrast Check

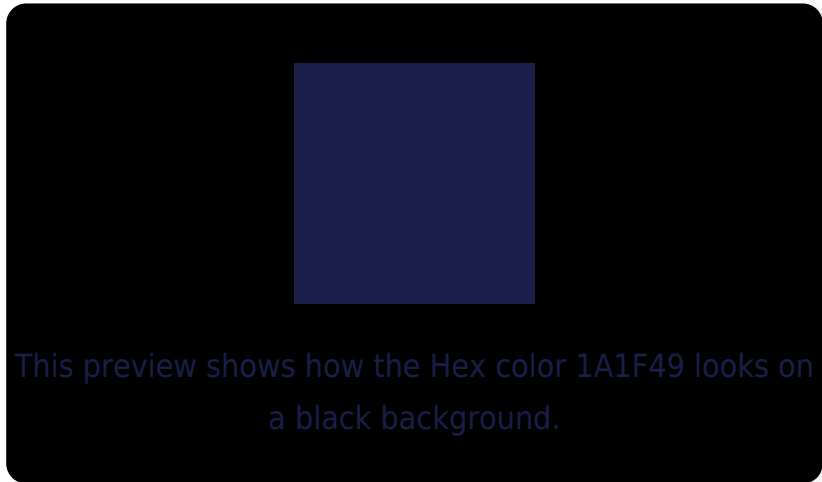
Large Text (above 18pt) WCAG AA ✓ Pass

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

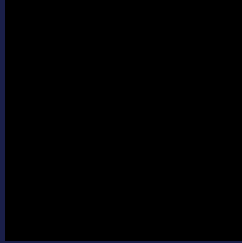
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A1F49 Background



This preview shows how black text looks on a background with the Hex color 1A1F49.



This preview shows how white text looks on a background with the Hex color 1A1F49.

# 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**  
1A1F49

**Protanopia**  
002248

**Deuteranopia**  
00243F



**Tritanopia**  
04272A

# Trichromacy



**Original Color**  
1A1F49

**Protanomaly**  
092148

**Deuteranomaly**  
092243

**Tritanomaly**  
0C2435

# Monochromacy



**Original Color**  
1A1F49

**Achromatopsia**  
222222

**Achromatomaly**  
1F2130

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A1F49 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 #1A1F49 looks like.

```
.text, #text, p{  
    color:#1A1F49  
}
```

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 #1A1F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1F49
}
```

## Border

The CSS property to change the border of an element to Hex 1A1F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

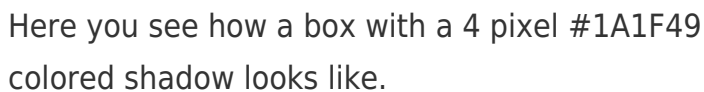
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A1F49 }
```

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

```
.border{ border-color:#1A1F49 }
```

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



Here you see how a box with a 4 pixel #1A1F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1F49; -webkit-box-shadow:4px 4px  
4px 4px #1A1F49; box-shadow:4px 4px 4px  
4px #1A1F49 }
```

# Background

The CSS property to change the background color of an element to Hex 1A1F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1F49 }
```

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

```
.background{ background-color:#1A1F49 }
```

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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