

Converting Colors

Hex(161F33)

Have a look what the booklet for
Hex(161F33) contains.

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Color

Hex(161F33)

Conversions

Conversions Part 1

Format	Color
Hex	161F33
RGB	22, 31, 51
RGB Percent	9%, 12%, 20%
CMY	0.9137, 0.8784, 0.8000
CMYK	0.57, 0.39, 0.00, 0.80
HSL	221°, 40%, 14%
HSV	221°, 57%, 20%
XYZ	1.4184, 1.3896, 3.3254
YIQ	30.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

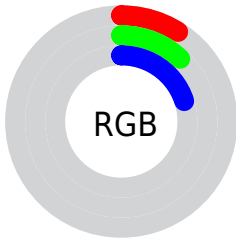
Format	Color
R_{YB}	22, 29, 51
Decimal	1449779
CIE Lab	11.89, 2.89, -14.43
CIE LCh	12, 14.720, 281.334
Yxy	1.3896, 0.2313, 0.2266
Android (android.graphics.Color)	4279639859 (0xFF161F33)
YUV	30.5890, 10.0626, -7.5326
Hunter-Lab	11.7880, 0.8493, -8.4743

Details

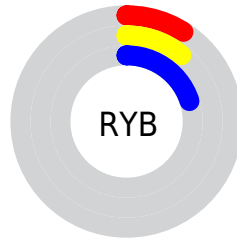
The Hex color **161F33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332A16**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **434B61**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **111B33**, and if you desaturate by 10%, it is **1B2333**.

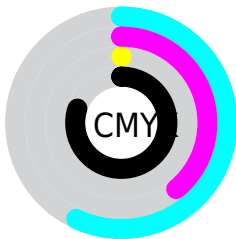
Distribution



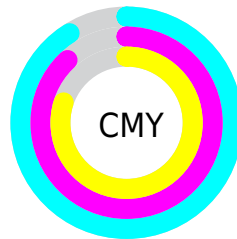
- Red (9%)
- Green (12%)
- Blue (20%)



- Red (9%)
- Yellow (11%)
- Blue (20%)



- Cyan (57%)
- Magenta (39%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161F33 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 161F33 by changing the saturation by 10% instead.

■ 161F33

■ 161F33

■ FCFFFF

■ 00061E

■ 434B61

■ 000001

■ 5B627A

■ 000000

■ 747B94

■ 8D95AF

■ A8B0CA

■ C3CBE6

■ DFE7FF

■ 161F33

■ 161F33

■ 111B33

■ 1B2333

■ 0C1833

■ 202633

■ 071433

■ 252A33

■ 021133

■ 2A2D33

■ 001033

■ 303133

■ 353433

■ 3A3833

■ 3F3B33

■ 443F33

Harmonies

Analogous

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



012232



161F33



251B2E

Triad

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



161F33



311912



092418

Complementary

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



161F33



332A16

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.



17230F



161F33



2B1C09

Square

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



161F33



33171C



222008



002523

Rectangle

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



161F33



2C1929



222008



0E2415

Sweetspot

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



161F33



373B42



16332A



1B1D21



A1A1A1



212121

Same Dimension

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



161F33



152342



1B1633



17181A



001C59



0043D9

Inverse Universe

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



33161F



421523



2E3316



1A1718



59001C



D90043

Previews

White Background



This preview shows how the Hex color 161F33 looks on a white background.

Color Contrast Check

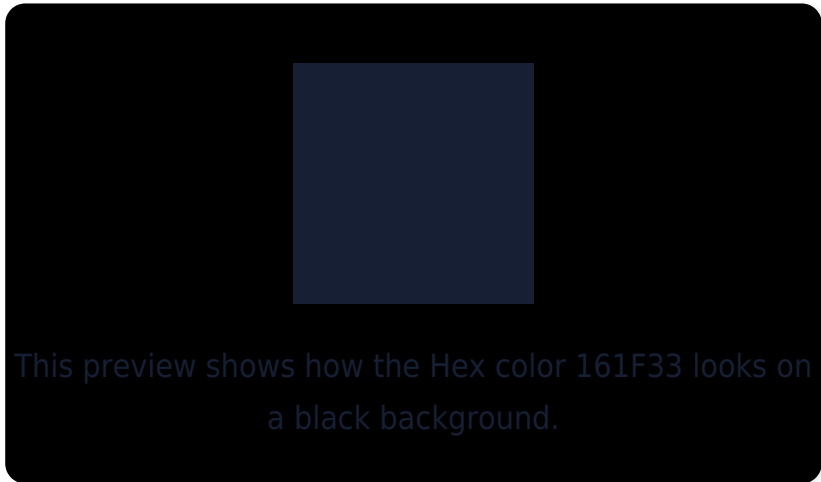
Large Text (above 18pt) WCAG AA ✓ Pass

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

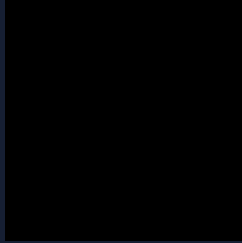
Any Text WCAG AA × Fail

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 161F33 Background



This preview shows how black text looks on a background with the Hex color 161F33.



This preview shows how white text looks on a background with the Hex color 161F33.

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
161F33

Protanopia
181F33

Deuteranopia
141F33



Tritanopia
102225

Trichromacy



Original Color
161F33

Protanomaly
171F33

Deuteranomaly
151F33

Tritanomaly
12212A

Monochromacy



Original Color
161F33

Achromatopsia
1F1F1F

Achromatomaly
1C1F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 161F33 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 #161F33 looks like.

```
.text, #text, p{  
    color:#161F33  
}
```

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 #161F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161F33
}
```

Border

The CSS property to change the border of an element to Hex 161F33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

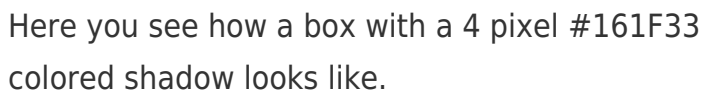
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#161F33 }
```

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

```
.border{ border-color:#161F33 }
```

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



Here you see how a box with a 4 pixel #161F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161F33; -webkit-box-shadow:4px 4px  
4px 4px #161F33; box-shadow:4px 4px 4px  
4px #161F33 }
```

Background

The CSS property to change the background color of an element to Hex 161F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161F33 }
```

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

```
.background{ background-color:#161F33 }
```

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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