

Converting Colors

Hex(171A34)

Have a look what the booklet for
Hex(171A34) contains.

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Color

Hex(171A34)

Conversions

Conversions Part 1

Format	Color
Hex	171A34
RGB	23, 26, 52
RGB Percent	9%, 10%, 20%
CMY	0.9098, 0.8980, 0.7961
CMYK	0.56, 0.50, 0.00, 0.80
HSL	234°, 39%, 15%
HSV	234°, 56%, 20%
XYZ	1.3426, 1.1689, 3.4037
YIQ	28.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

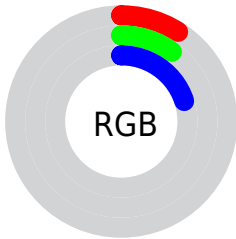
Format	Color
R_{YB}	23, 26, 52
Decimal	1514036
CIE Lab	10.33, 7.39, -17.61
CIE LCh	10, 19.102, 292.769
Yxy	1.1689, 0.2270, 0.1976
Android (android.graphics.Color)	4279704116 (0xFF171A34)
YUV	28.0670, 11.7990, -4.4438
Hunter-Lab	10.8115, 3.2462, -11.0976

Details

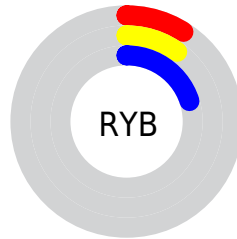
The Hex color **171A34** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **343117**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **444563**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **121534**, and if you desaturate by 10%, it is **1C1F34**.

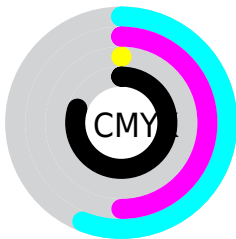
Distribution



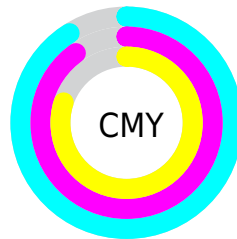
- Red (9%)
- Green (10%)
- Blue (20%)



- Red (9%)
- Yellow (10%)
- Blue (20%)



- Cyan (56%)
- Magenta (50%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171A34 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 171A34 by changing the saturation by 10% instead.

■ 171A34

■ 171A34

■ FEFDFF

■ 00001F

■ 444563

■ 000002

■ 5C5C7C

■ 000000

■ 757596

■ 8F8FB0

■ AAA9CC

■ C5C4E8

■ E1E0FF

■ 171A34

■ 171A34

■ 121534

■ 1C1F34

■ 0D1134

■ 212334

■ 070C34

■ 272834

■ 020734

■ 2C2D34

■ 000534

■ 313134

■ 363634

■ 3B3B34

■ 413F34

■ 464434

Harmonies

Analogous

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



001E36



171A34



29152C

Triad

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



171A34



301501



002218

Complementary

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



171A34



343117

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.



0A2109



171A34



271A00

Square

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



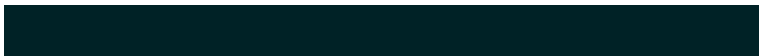
171A34



341112



1C1E00



002226

Rectangle

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



171A34



301224



1C1E00



002214

Sweetspot

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



171A34



393A45



173431



1D1D24



A3A3A3



242424

Same Dimension

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



171A34



171B45



221734



17171A



000959



0016D9

Inverse Universe

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



34171A



45171B



293417



1A1717



590009



D90016

Previews

White Background



This preview shows how the Hex color 171A34 looks on a white background.

Color Contrast Check

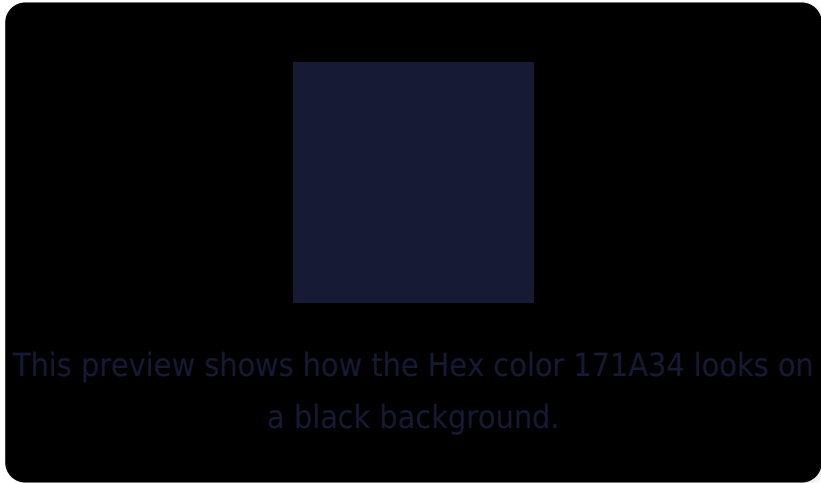
Large Text (above 18pt) WCAG AA ✓ Pass

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

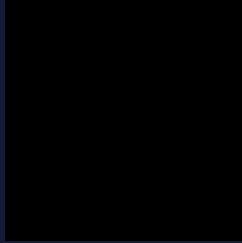
Any Text WCAG AA × Fail

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 171A34 Background



This preview shows how black text looks on a background with the Hex color 171A34.



This preview shows how white text looks on a background with the Hex color 171A34.

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
171A34

Protanopia
0E1B36

Deuteranopia
001D33



Tritanopia
101F21

Trichromacy



Original Color

171A34

Protanomaly

111B35

Deuteranomaly

081C33

Tritanomaly

131D28

Monochromacy



Original Color

171A34

Achromatopsia

1C1C1C

Achromatomaly

1A1B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 171A34 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 #171A34 looks like.

```
.text, #text, p{  
    color:#171A34  
}
```

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 #171A34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171A34
}
```

Border

The CSS property to change the border of an element to Hex 171A34 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
#171A34 }
```

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

```
.border{ border-color:#171A34 }
```

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

Here you see how a box with a 4 pixel #171A34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171A34; -webkit-box-shadow:4px 4px  
4px 4px #171A34; box-shadow:4px 4px 4px  
4px #171A34 }
```

Background

The CSS property to change the background color of an element to Hex 171A34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171A34 }
```

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

```
.background{ background-color:#171A34 }
```

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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