

Converting Colors

Hex(171C4F)

Have a look what the booklet for
Hex(171C4F) contains.

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Color

Hex(171C4F)

Conversions

Conversions Part 1

Format	Color
Hex	171C4F
RGB	23, 28, 79
RGB Percent	9%, 11%, 31%
CMY	0.9098, 0.8902, 0.6902
CMYK	0.71, 0.65, 0.00, 0.69
HSL	235°, 55%, 20%
HSV	235°, 71%, 31%
XYZ	2.1799, 1.5772, 7.5867
YIQ	32.3190, -19.3510, 14.8010

Conversions

Conversions Part 2

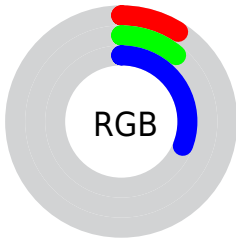
Format	Color
RYB	23, 28, 79
Decimal	1514575
CIELab	13.09, 16.67, -32.14
CIELCh	13, 36.208, 297.410
Yxy	1.5772, 0.1922, 0.1390
Android (android.graphics.Color)	4279704655 (0xFF171C4F)
YUV	32.3190, 23.0137, -8.1728
Hunter-Lab	12.5586, 9.0061, -27.0262

Details

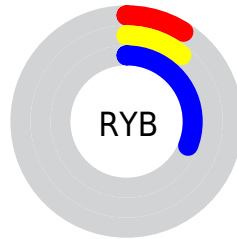
The Hex color **171C4F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4F4A17**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4A4781**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **0F154F**, and if you desaturate by 10%, it is **1F234F**.

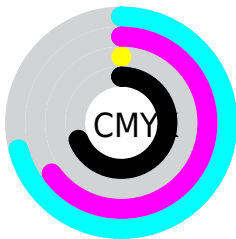
Distribution



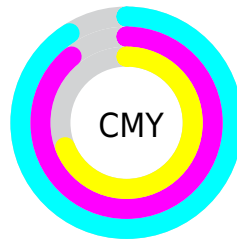
- Red (9%)
- Green (11%)
- Blue (31%)



- Red (9%)
- Yellow (11%)
- Blue (31%)



- Cyan (71%)
- Magenta (65%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171C4F 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 171C4F by changing the saturation by 10% instead.

■ 171C4F

■ 171C4F

FFFFFF

■ 000338

■ 4A4781

■ 000222

■ 635F9B

■ 000007

■ 7D78B6

■ 000000

■ 9891D2

■ B4ACEE

■ D0C7FF

■ ECE3FF

■ 171C4F

■ 171C4F

■ 0F154F

■ 1F234F

■ 070E4F

■ 272A4F

■ 00074F

■ 2F324F

■ 37394F

■ 3F404F

■ 46474F

■ 4E4E4F

■ 56564F

■ 5E5D4F

Harmonies

Analogous

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



002655



171C4F



3D0C3D

Triad

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



171C4F



401400



002C1F

Complementary

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



171C4F



4F4A17

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.



002A00



171C4F



2D2000

Square

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



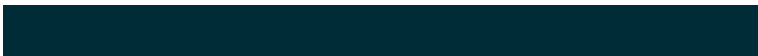
171C4F



4B0309



152700



002C38

Rectangle

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



171C4F



48002D



152700



002C16

Sweetspot

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



171C4F



515266



174F49



262733



B3B3B3



333333

Same Dimension

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



171C4F



0F1766



2D174F



222326



000966



0014E6

Inverse Universe

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



4F171C



660F17



394F17



262223



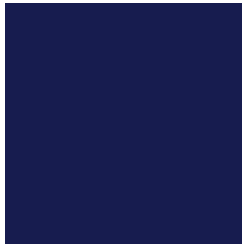
660009



E60014

Previews

White Background



This preview shows how the Hex color 171C4F looks on a white background.

Color Contrast Check

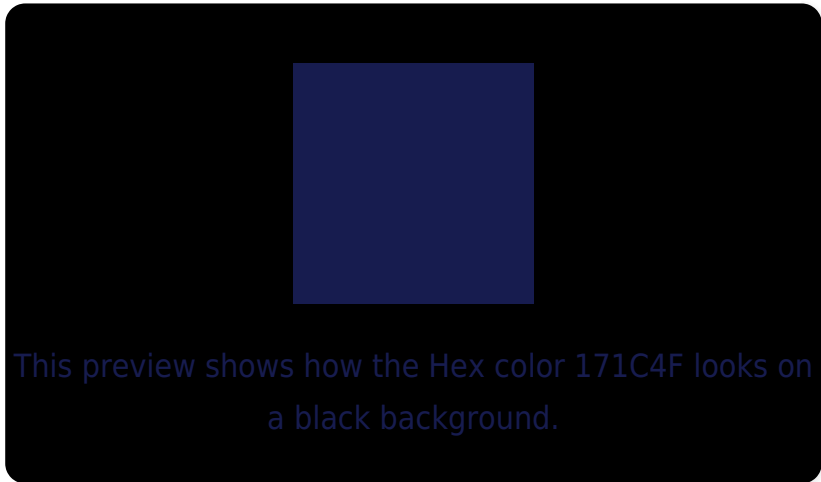
Large Text (above 18pt) WCAG AA ✓ Pass

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

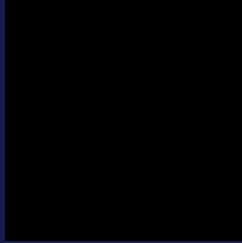
Any Text WCAG AA × Fail

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 171C4F Background



This preview shows how black text looks on a background with the Hex color 171C4F.

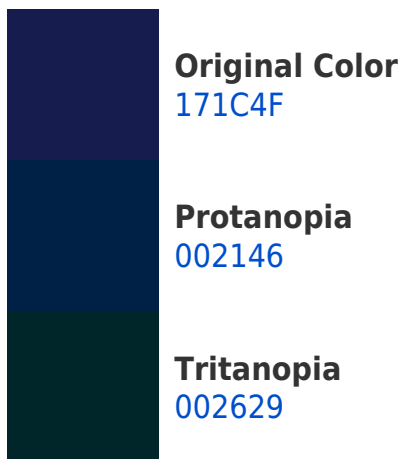


This preview shows how white text looks on a background with the Hex color 171C4F.

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



Trichromacy



Original Color
171C4F

Protanomaly
081F49

Tritanomaly
082237

Monochromacy



Original Color
171C4F

Achromatopsia
202020

Achromatomaly
1D1F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 171C4F 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 #171C4F looks like.

```
.text, #text, p{  
    color:#171C4F  
}
```

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 #171C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171C4F
}
```

Border

The CSS property to change the border of an element to Hex 171C4F 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
#171C4F }
```

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

```
.border{ border-color:#171C4F }
```

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

Here you see how a box with a 4 pixel #171C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171C4F; -webkit-box-shadow:4px 4px  
4px 4px #171C4F; box-shadow:4px 4px 4px  
4px #171C4F }
```

Background

The CSS property to change the background color of an element to Hex 171C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171C4F }
```

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

```
.background{ background-color:#171C4F }
```

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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