

Converting Colors

Hex(171F70)

Have a look what the booklet for
Hex(171F70) contains.

Hex(171F70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(171F70)

Conversions

Conversions Part 1

Format	Color
Hex	171F70
RGB	23, 31, 112
RGB Percent	9%, 12%, 44%
CMY	0.9098, 0.8784, 0.5608
CMYK	0.79, 0.72, 0.00, 0.56
HSL	235°, 66%, 26%
HSV	235°, 79%, 44%
XYZ	3.7680, 2.3320, 15.5808
YIQ	37.8420, -30.7690, 23.4950

Conversions

Conversions Part 2

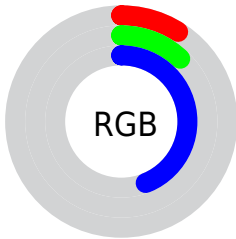
Format	Color
R_{YB}	23, 30, 112
Decimal	1515376
CIE _{Lab}	17.14, 27.64, -47.47
CIE _{LCh}	17, 54.930, 300.209
Yxy	2.3320, 0.1738, 0.1076
Android (android.graphics.Color)	4279705456 (0xFF171F70)
YUV	37.8420, 36.5599, -13.0164
Hunter-Lab	15.2708, 17.3196, -49.8037

Details

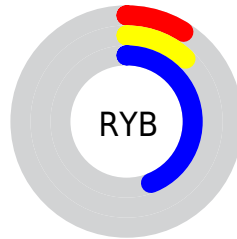
The Hex color **171F70** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **706817**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **534BA5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **0C1570**, and if you desaturate by 10%, it is **222970**.

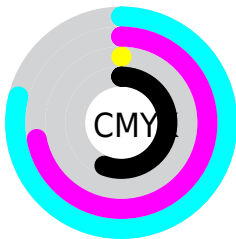
Distribution



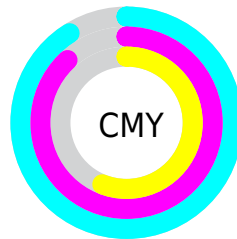
- Red (9%)
- Green (12%)
- Blue (44%)



- Red (9%)
- Yellow (12%)
- Blue (44%)



- Cyan (79%)
- Magenta (72%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (88%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171F70 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 171F70 by changing the saturation by 10% instead.

■ 171F70

■ 171F70

FFFFFF

■ 000B57

■ 534BA5

■ 00003F

■ 6E63C0

■ 000328

■ 8A7CDC

■ 000112

■ A696F9

■ 000000

■ C2B1FF

■ DFCDFE

■ FCE9FF

■ 171F70

■ 171F70

■ 0C1570

■ 222970

■ 010B70

■ 2D3370

■ 000A70

■ 393E70

■ 444870

■ 4F5270

■ 5A5C70

■ 656670

■ 717170

■ 7C7B70

Harmonies

Analogous

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



00307B



171F70



560052

Triad

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



171F70



531500



003929

Complementary

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



171F70



706817

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.



003700



171F70



352900

Square

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



171F70



660000



063200



003951

Rectangle

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



171F70



660039



063200



00381B

Sweetspot

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



171F70



6E7291



177067



35364A



C9C9C9



4A4A4A

Same Dimension

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



171F70



071491



3B1770



323338



000B78



0016F7

Inverse Universe

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



70171F



910714



4C7017



383233



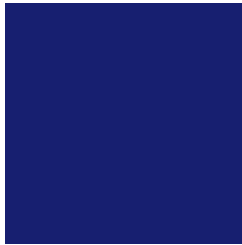
78000B



F70016

Previews

White Background



This preview shows how the Hex color 171F70 looks on a white background.

Color Contrast Check

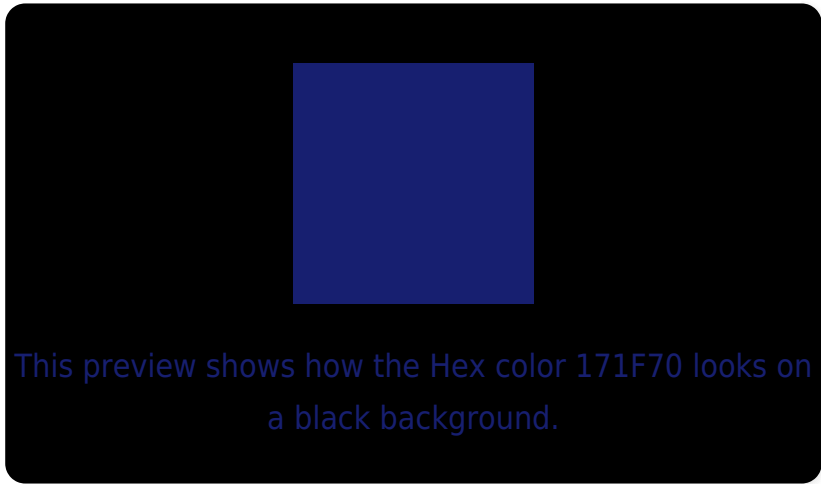
Large Text (above 18pt) WCAG AA ✓ Pass

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 171F70 Background



This preview shows how black text looks on a background with the Hex color 171F70.



This preview shows how white text looks on a background with the Hex color 171F70.

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
171F70

Protanopia
002957

Deuteranopia
002C4A



Tritanopia
003032

Trichromacy



Original Color
171F70

Protanomaly
082560

Deuteranomaly
082758

Tritanomaly
082A49

Monochromacy



Original Color
171F70

Achromatopsia
262626

Achromatomaly
212341

CSS Examples

Text

The CSS property to change the color of the text to Hex 171F70 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 #171F70 looks like.

```
.text, #text, p{  
    color:#171F70  
}
```

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 #171F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171F70
}
```

Border

The CSS property to change the border of an element to Hex 171F70 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
#171F70 }
```

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

```
.border{ border-color:#171F70 }
```

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

Here you see how a box with a 4 pixel #171F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171F70; -webkit-box-shadow:4px 4px  
4px 4px #171F70; box-shadow:4px 4px 4px  
4px #171F70 }
```

Background

The CSS property to change the background color of an element to Hex 171F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171F70 }
```

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

```
.background{ background-color:#171F70 }
```

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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