

Converting Colors

Hex(171B75)

Have a look what the booklet for
Hex(171B75) contains.

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Color

Hex(171B75)

Conversions

Conversions Part 1

Format	Color
Hex	171B75
RGB	23, 27, 117
RGB Percent	9%, 11%, 46%
CMY	0.9098, 0.8941, 0.5412
CMYK	0.80, 0.77, 0.00, 0.54
HSL	237°, 67%, 27%
HSV	237°, 80%, 46%
XYZ	3.9562, 2.2504, 17.0555
YIQ	36.0640, -31.2740, 27.1420

Conversions

Conversions Part 2

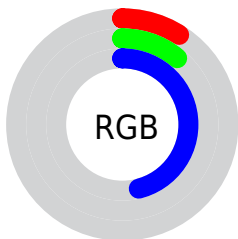
Format	Color
R_{YB}	23, 27, 117
Decimal	1514357
CIE Lab	16.75, 32.12, -51.35
CIE LCh	17, 60.563, 302.026
Yxy	2.2504, 0.1701, 0.0967
Android (android.graphics.Color)	4279704437 (0xFF171B75)
YUV	36.0640, 39.9014, -11.4571
Hunter-Lab	15.0013, 20.8222, -56.9081

Details

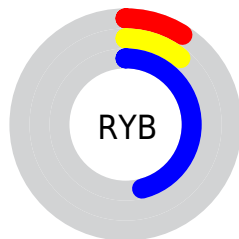
The Hex color **171B75** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **757117**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5548AA**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **0B1075**, and if you desaturate by 10%, it is **232675**.

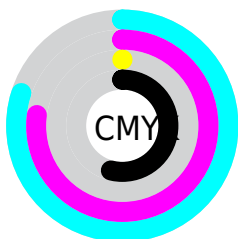
Distribution



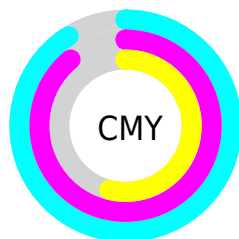
- Red (9%)
- Green (11%)
- Blue (46%)



- Red (9%)
- Yellow (11%)
- Blue (46%)



- Cyan (80%)
- Magenta (77%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (89%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171B75 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 171B75 by changing the saturation by 10% instead.

■ 171B75

■ 171B75

FFFFFF

■ 00065C

■ 5548AA

■ 000044

■ 7160C6

■ 00032C

■ 8C79E2

■ 000117

■ A992FF

■ 000000

■ C5ADFF

■ E2C9FF

■ FFE5FF

■ 171B75

■ 171B75

■ 0B1075

■ 232675

■ 000575

■ 2E3175

■ 3A3D75

■ 464875

■ 525375

■ 5D5E75

■ 696975

■ 757575

■ 808075

Harmonies

Analogous

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



003083



171B75



5B0053

Triad

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



171B75



531300



00392B

Complementary

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



171B75



757117

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



171B75



322900

Square

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



171B75



690000



003300



003957

Rectangle

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



171B75



6B0037



003300



00381C

Sweetspot

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



171B75



747699



177570



36374D



CCCCCC



4D4D4D

Same Dimension

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



171B75



060C99



411775



35353B



00057A



000BFA

Inverse Universe

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



75171B



99060C



4B7517



3B3535



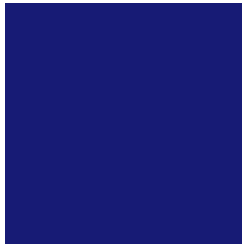
7A0005



FA000B

Previews

White Background



This preview shows how the Hex color 171B75 looks on a white background.

Color Contrast Check

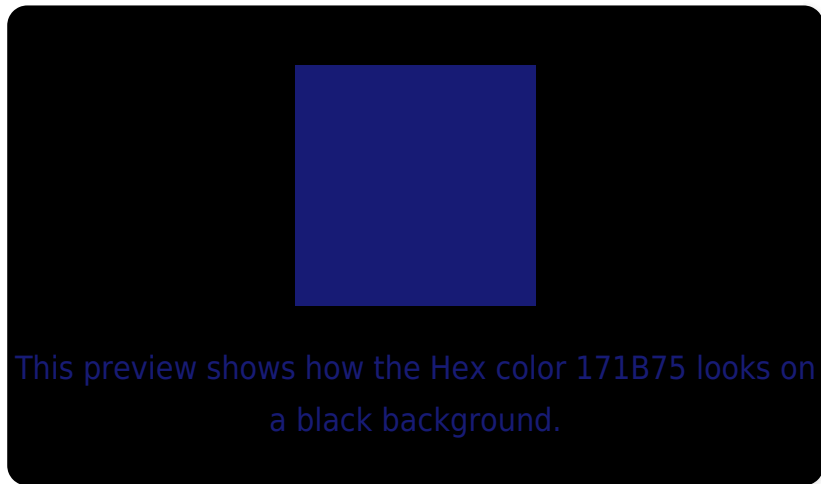
Large Text (above 18pt) WCAG AA ✓ Pass

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

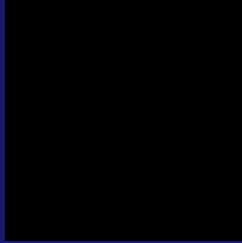
Any Text WCAG AA × Fail

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 171B75 Background



This preview shows how black text looks on a background with the Hex color 171B75.



This preview shows how white text looks on a background with the Hex color 171B75.

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
171B75

Protanopia
002956

Deuteranopia
002C49



Tritanopia
002F31

Trichromacy



Original Color
171B75

Protanomaly
082461

Deuteranomaly
082659

Tritanomaly
08284A

Monochromacy



Original Color
171B75

Achromatopsia
242424

Achromatomaly
1F2141

CSS Examples

Text

The CSS property to change the color of the text to Hex 171B75 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 #171B75 looks like.

```
.text, #text, p{  
    color:#171B75  
}
```

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 #171B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171B75
}
```

Border

The CSS property to change the border of an element to Hex 171B75 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
#171B75 }
```

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

```
.border{ border-color:#171B75 }
```

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

Here you see how a box with a 4 pixel #171B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171B75; -webkit-box-shadow:4px 4px  
4px 4px #171B75; box-shadow:4px 4px 4px  
4px #171B75 }
```

Background

The CSS property to change the background color of an element to Hex 171B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171B75 }
```

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

```
.background{ background-color:#171B75 }
```

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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