

# Converting Colors

Hex(171761)

Have a look what the booklet for  
Hex(171761) contains.

<b>Hex(171761)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(171761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	171761
RGB	23, 23, 97
RGB Percent	9%, 9%, 38%
CMY	0.9098, 0.9098, 0.6196
CMYK	0.76, 0.76, 0.00, 0.62
HSL	240°, 62%, 24%
HSV	240°, 76%, 38%
XYZ	2.8174, 1.6580, 11.4808
YIQ	31.4360, -23.7540, 23.0140

# Conversions

## Conversions Part 2

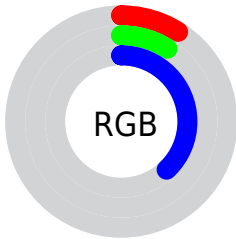
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 23, 97
Decimal	1513313
CIE Lab	13.58, 27.24, -43.49
CIE LCh	14, 51.317, 302.067
Yxy	1.6580, 0.1766, 0.1039
Android (android.graphics.Color)	4279703393 (0xFF171761)
YUV	31.4360, 32.3231, -7.3984
Hunter-Lab	12.8764, 16.5229, -43.8504

# Details

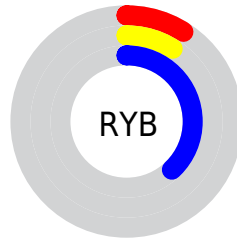
The Hex color **171761** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **616117**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **4F4395**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **0D0D61**, and if you desaturate by 10%, it is **212161**.

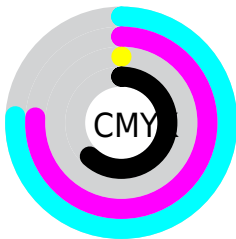
# Distribution



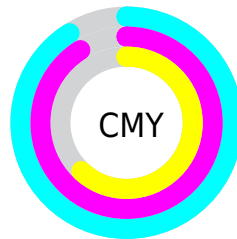
- Red (9%)
- Green (9%)
- Blue (38%)



- Red (9%)
- Yellow (9%)
- Blue (38%)



- Cyan (76%)
- Magenta (76%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (91%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 171761 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 171761 by changing the saturation by 10% instead.



■ 171761

■ 171761

■ FFFBFF

■ 000049

■ 4F4395

■ 000431

■ 6A5AB0

■ 00011B

■ 8573CB

■ 000000

■ A18DE8

■ BDA7FF

■ D9C2FF

■ F6DEFF

■ 171761

■ 171761

■ 0D0D61

■ 212161

■ 040461

■ 2A2A61

■ 000061

■ 343461

■ 3E3E61

■ 484861

■ 515161

■ 5B5B61

■ 656561

■ 6E6E61

# Harmonies

## Analogous

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



00286D



171761



4C0045

# Triad

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



171761



451100



003124

# Complementary

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



171761



616117

# 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.



002F00



171761



2A2300

# Square

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



171761



580000



002B00



003149

# Rectangle

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



171761



59002E



002B00



003018



# Sweetspot

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



171761



60607D



176161



2E2E40



BFBFBF



404040



# Same Dimension

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



171761



0A0A7D



3C1761



2C2C30



000070



0000F0



# Inverse Universe

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



611761



7D0A7D



3C6117



302C30



700070

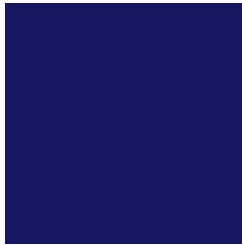


F000F0



# Previews

## White Background



This preview shows how the Hex color 171761 looks on a white background.

## Color Contrast Check

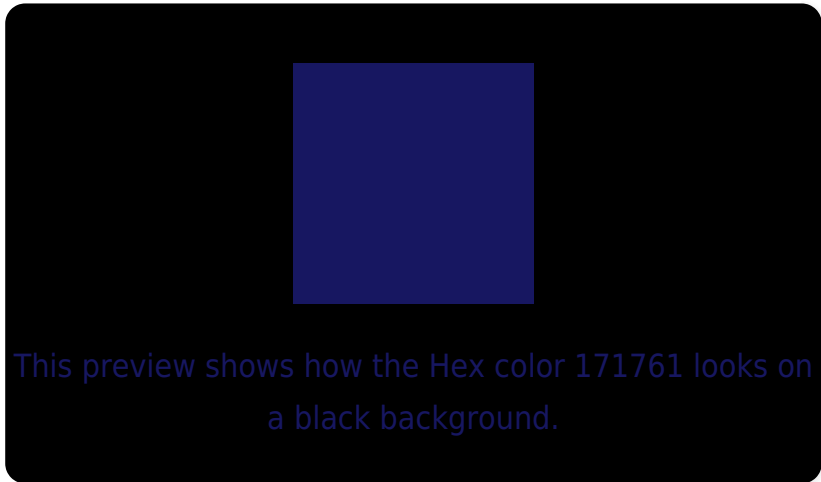
Large Text (above 18pt) WCAG AA ✓ Pass

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

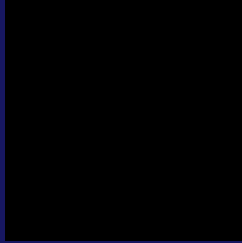
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 171761 Background



This preview shows how black text looks on a background with the Hex color 171761.



This preview shows how white text looks on a background with the Hex color 171761.

# 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**  
171761

**Protanopia**  
002349

**Deuteranopia**  
00253E



# Trichromacy



**Original Color**  
171761

**Protanomaly**  
081F52

**Deuteranomaly**  
08204B

**Tritanomaly**  
08223E

# Monochromacy



**Original Color**  
171761

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
1C1C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 171761 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 #171761 looks like.

```
.text, #text, p{  
    color:#171761  
}
```

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 #171761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171761
}
```

## Border

The CSS property to change the border of an element to Hex 171761 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
#171761 }
```

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

```
.border{ border-color:#171761 }
```

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

Here you see how a box with a 4 pixel #171761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171761; -webkit-box-shadow:4px 4px  
4px 4px #171761; box-shadow:4px 4px 4px  
4px #171761 }
```

# Background

The CSS property to change the background color of an element to Hex 171761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171761 }
```

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

```
.background{ background-color:#171761 }
```

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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