

# Converting Colors

Hex(170536)

Have a look what the booklet for  
Hex(170536) contains.

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# Color

**Hex(170536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	170536
RGB	23, 5, 54
RGB Percent	9%, 2%, 21%
CMY	0.9098, 0.9804, 0.7882
CMYK	0.57, 0.91, 0.00, 0.79
HSL	262°, 83%, 12%
HSV	262°, 91%, 21%
XYZ	1.0735, 0.5570, 3.5410
YIQ	15.9680, -5.0010, 19.0550

# Conversions

## Conversions Part 2

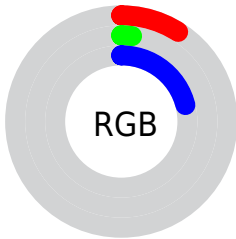
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 5, 54
Decimal	1508662
CIE Lab	5.03, 21.53, -27.58
CIE LCh	5, 34.985, 307.977
Yxy	0.5570, 0.2076, 0.1077
Android (android.graphics.Color)	4279698742 (0xFF170536)
YUV	15.9680, 18.7498, 6.1671
Hunter-Lab	7.4635, 12.6124, -22.9049

# Details

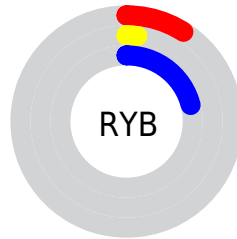
The Hex color **170536** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **243605**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **453165**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **140036**, and if you desaturate by 10%, it is **1A0A36**.

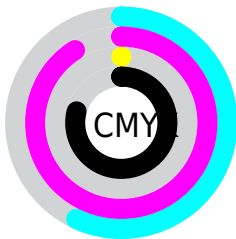
# Distribution



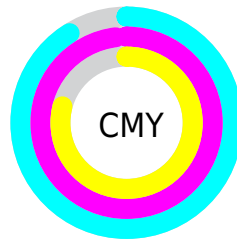
- Red (9%)
- Green (2%)
- Blue (21%)



- Red (9%)
- Yellow (2%)
- Blue (21%)



- Cyan (57%)
- Magenta (91%)
- Yellow (0%)
- Black (79%)



- Cyan (91%)
- Magenta (98%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 170536 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 170536 by changing the saturation by 10% instead.



■ 170536

■ 170536

■ FFE5FF

■ 000220

■ 453165

■ 000004

■ 5E487F

■ 000000

■ 776099

■ 9179B4

■ AC93CF

■ C8ADEC

■ E4C9FF

■ 170536

■ 170536

■ 140036

■ 1A0A36

■ 1E1036

■ 211536

■ 251B36

■ 282036

■ 2B2536

■ 2F2B36

■ 323036

■ 363636

# Harmonies

## Analogous

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



001240



170536



300023

# Triad

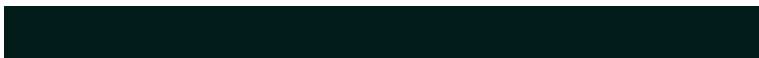
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170536



260700



001B18

# Complementary

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



170536



243605

# 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.



001A00



170536



0F1300

# Square

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



170536



320000



001A00



001C2D

# Rectangle

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



170536



360014



001A00



001B0E



# Sweetspot

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



170536



3B3447



052436



1C1824



A3A3A3



242424



# Same Dimension

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



170536



1A0047



2F0536



1A191C



22005C



5100DB



# Inverse Universe

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



360524



47002D



0C3605



1C191B



5C003A

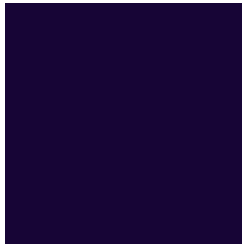


DB008B



# Previews

## White Background



This preview shows how the Hex color 170536 looks on a white background.

## Color Contrast Check

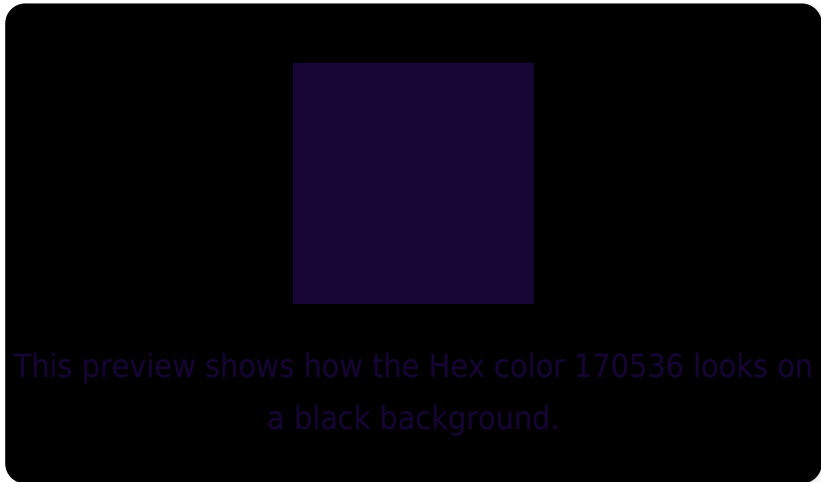
Large Text (above 18pt) WCAG AA ✓ Pass

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

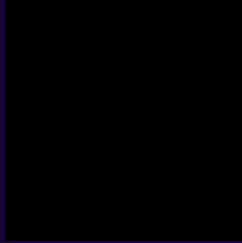
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 170536 Background



This preview shows how black text looks on a background with the Hex color 170536.



This preview shows how white text looks on a background with the Hex color 170536.

# 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**  
170536

**Protanopia**  
001328

**Deuteranopia**  
001422



**Tritanopia**  
0B1517

# Trichromacy



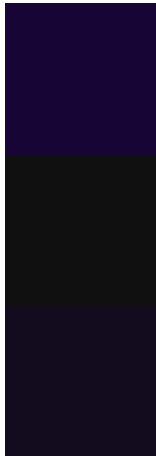
**Original Color**  
170536

**Protanomaly**  
080E2D

**Deuteranomaly**  
080F29

**Tritanomaly**  
0F0F22

# Monochromacy



**Original Color**  
170536

**Achromatopsia**  
101010

**Achromatomaly**  
130C1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 170536 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 #170536 looks like.

```
.text, #text, p{  
    color:#170536  
}
```

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 #170536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170536
}
```

## Border

The CSS property to change the border of an element to Hex 170536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

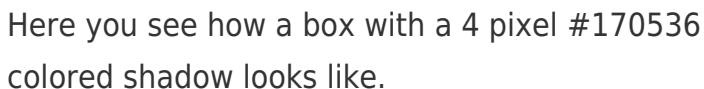
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170536 }
```

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

```
.border{ border-color:#170536 }
```

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



Here you see how a box with a 4 pixel #170536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170536; -webkit-box-shadow:4px 4px  
4px 4px #170536; box-shadow:4px 4px 4px  
4px #170536 }
```

# Background

The CSS property to change the background color of an element to Hex 170536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170536 }
```

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

```
.background{ background-color:#170536 }
```

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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