

Converting Colors

Hex(170256)

Have a look what the booklet for
Hex(170256) contains.

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Color

Hex(170256)

Conversions

Conversions Part 1

Format	Color
Hex	170256
RGB	23, 2, 86
RGB Percent	9%, 1%, 34%
CMY	0.9098, 0.9922, 0.6627
CMYK	0.73, 0.98, 0.00, 0.66
HSL	255°, 95%, 17%
HSV	255°, 98%, 34%
XYZ	2.0548, 0.8975, 8.8690
YIQ	17.8550, -14.4480, 30.5760

Conversions

Conversions Part 2

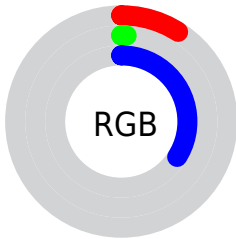
Format	Color
R_{YB}	23, 2, 86
Decimal	1507926
CIE Lab	8.11, 35.38, -45.13
CIE LCh	8, 57.349, 308.093
Yxy	0.8975, 0.1738, 0.0759
Android (android.graphics.Color)	4279698006 (0xFF170256)
YUV	17.8550, 33.5955, 4.5122
Hunter-Lab	9.4734, 22.1378, -48.8758

Details

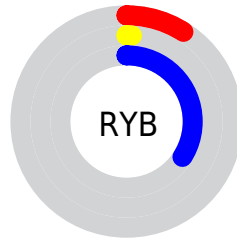
The Hex color **170256** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **415602**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4F2F89**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **160056**, and if you desaturate by 10%, it is **1D0B56**.

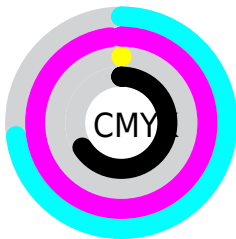
Distribution



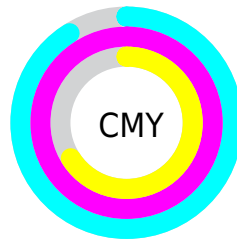
- Red (9%)
- Green (1%)
- Blue (34%)



- Red (9%)
- Yellow (1%)
- Blue (34%)



- Cyan (73%)
- Magenta (98%)
- Yellow (0%)
- Black (66%)



- Cyan (91%)
- Magenta (99%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170256 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 170256 by changing the saturation by 10% instead.

 170256

 170256

 FFE5FF

 00003E

 4F2F89

 000327

 6947A4

 000111

 845FBF

 000000

 9F78DB

 BC93F8

 D8ADFF

 F5C9FF

 170256

 170256

■ 160056

■ 1D0B56

■ 241356

■ 2A1C56

■ 312456

■ 372D56

■ 3E3656

■ 443E56

■ 4B4756

■ 514F56

Harmonies

Analogous

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



001C67



170256



480035

Triad

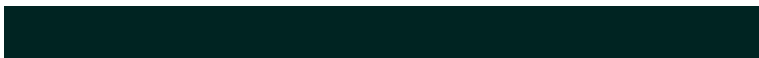
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170256



340800



002422

Complementary

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



170256



415602

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.



002300



170256



151A00

Square

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



170256



4A0000



002300



002647

Rectangle

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



170256



52001C



002300



002314

Sweetspot

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



170256



585070



024156



292438



B8B8B8



383838

Same Dimension

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



170256



1C0070



410256



28272B



1B006B



3B00EB

Inverse Universe

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



560241



700054



175602



2B272A



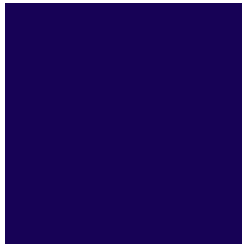
6B0050



EB00B0

Previews

White Background



This preview shows how the Hex color 170256 looks on a white background.

Color Contrast Check

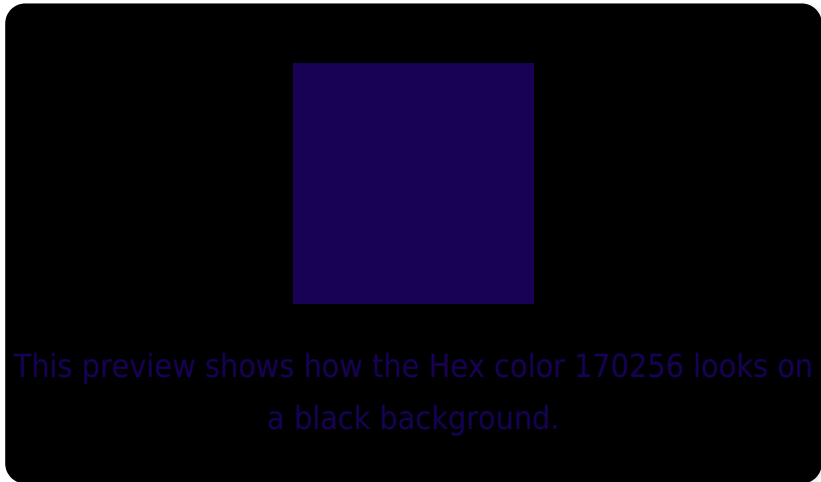
Large Text (above 18pt) WCAG AA ✓ Pass

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

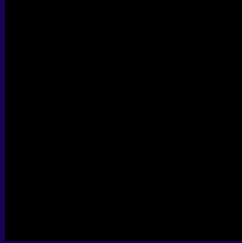
Any Text WCAG AA × Fail

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 170256 Background



This preview shows how black text looks on a background with the Hex color 170256.



This preview shows how white text looks on a background with the Hex color 170256.

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
170256

Protanopia
001B39

Deuteranopia
001D30



Tritanopia
001F21

Trichromacy



Original Color

170256

Protanomaly

081244

Deuteranomaly

08133E

Tritanomaly

081434

Monochromacy



Original Color

170256

Achromatopsia

121212

Achromatomaly

140C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 170256 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 #170256 looks like.

```
.text, #text, p{  
    color:#170256  
}
```

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 #170256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170256
}
```

Border

The CSS property to change the border of an element to Hex 170256 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
#170256 }
```

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

```
.border{ border-color:#170256 }
```

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

Here you see how a box with a 4 pixel #170256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170256; -webkit-box-shadow:4px 4px  
4px 4px #170256; box-shadow:4px 4px 4px  
4px #170256 }
```

Background

The CSS property to change the background color of an element to Hex 170256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170256 }
```

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

```
.background{ background-color:#170256 }
```

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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