

# Converting Colors

Hex(170584)

Have a look what the booklet for  
Hex(170584) contains.

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# Color

**Hex(170584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	170584
RGB	23, 5, 132
RGB Percent	9%, 2%, 52%
CMY	0.9098, 0.9804, 0.4824
CMYK	0.83, 0.96, 0.00, 0.48
HSL	249°, 93%, 27%
HSV	249°, 96%, 52%
XYZ	4.5725, 1.9566, 21.9665
YIQ	24.8600, -30.0390, 43.3130

# Conversions

## Conversions Part 2

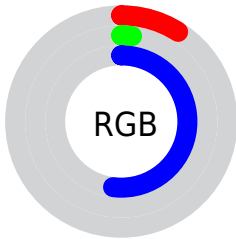
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 5, 132
Decimal	1508740
CIE <sub>Lab</sub>	15.26, 47.11, -63.41
CIE <sub>LCh</sub>	15, 78.995, 306.615
Yxy	1.9566, 0.1605, 0.0687
Android (android.graphics.Color)	4279698820 (0xFF170584)
YUV	24.8600, 52.8200, -1.6312
Hunter-Lab	13.9880, 33.8701, -83.3162

# Details

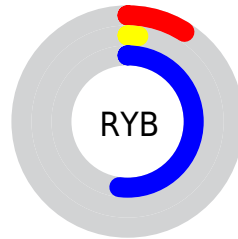
The Hex color **170584** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **728405**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5B38BA**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **130084**, and if you desaturate by 10%, it is **221284**.

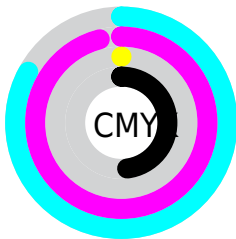
# Distribution



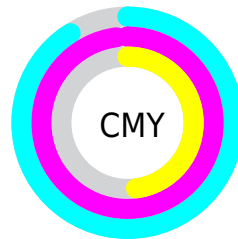
- Red (9%)
- Green (2%)
- Blue (52%)



- Red (9%)
- Yellow (2%)
- Blue (52%)



- Cyan (83%)
- Magenta (96%)
- Yellow (0%)
- Black (48%)



- Cyan (91%)
- Magenta (98%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 170584 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 170584 by changing the saturation by 10% instead.



 170584

 170584

 FFF3FF

 00006A

 5B38BA

 000051

 7851D7

 000539

 956AF4

 000222

 B284FF

 000009

 CF9FFF

 000000

 EDBAFF

 FFD6FF

 170584

 170584

■ 130084

■ 221284

■ 2E1F84

■ 392D84

■ 443A84

■ 504784

■ 5B5484

■ 666184

■ 726F84

■ 7D7C84

# Harmonies

## Analogous

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



002F9C



170584



6B0054

# Triad

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



170584



510A00



003732

# Complementary

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



170584



728405

# 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.



003600



170584



252900

# Square

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



170584



700000



003200



003A6A

# Rectangle

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



170584



7B0030



003200



00361E



# Sweetspot

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



170584



8079AB



057384



3D3857



D6D6D6



575757



# Same Dimension

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



170584



1800AB



550584



3D3C42



120082



000003



# Inverse Universe

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



840572



AB0093



348405



423C41



820070

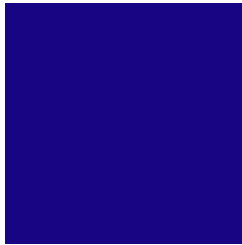


030002



# Previews

## White Background



This preview shows how the Hex color 170584 looks on a white background.

## Color Contrast Check

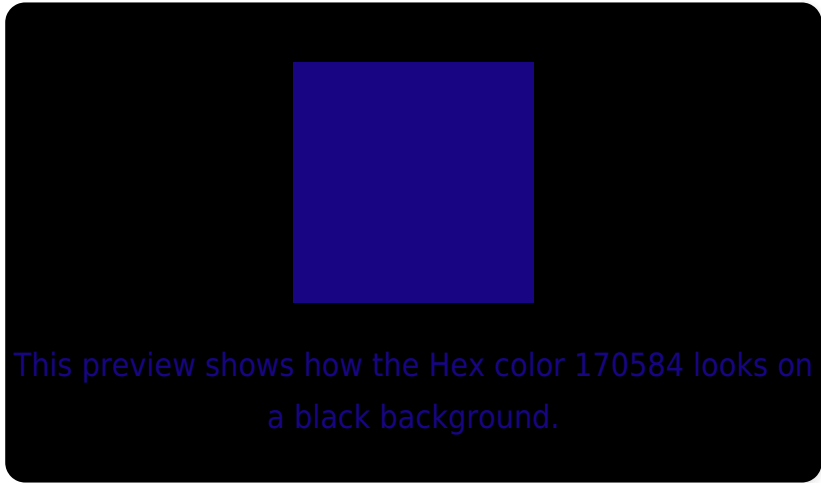
Large Text (above 18pt) WCAG AA ✓ Pass

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

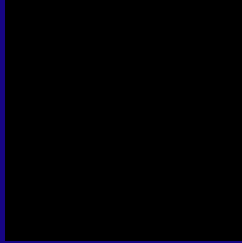
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 170584 Background



This preview shows how black text looks on a background with the Hex color 170584.



This preview shows how white text looks on a background with the Hex color 170584.

# 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**  
170584

**Protanopia**  
002853

**Deuteranopia**  
002B47



# Trichromacy



**Original Color**  
170584

**Protanomaly**  
081B65

**Deuteranomaly**  
081D5D

**Tritanomaly**  
081F4F

# Monochromacy



**Original Color**  
170584

**Achromatopsia**  
191919

**Achromatomaly**  
181240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 170584 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 #170584 looks like.

```
.text, #text, p{  
    color:#170584  
}
```

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 #170584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170584
}
```

## Border

The CSS property to change the border of an element to Hex 170584 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".

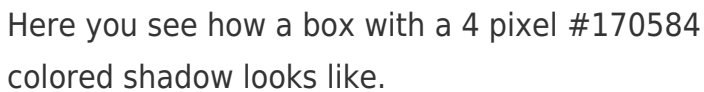
```
.border, #border, table{ border:4px solid
#170584 }
```

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

```
.border{ border-color:#170584 }
```

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

Here you see how a box with a 4 pixel #170584 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170584; -webkit-box-shadow:4px 4px  
4px 4px #170584; box-shadow:4px 4px 4px  
4px #170584 }
```

# Background

The CSS property to change the background color of an element to Hex 170584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170584 }
```

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

```
.background{ background-color:#170584 }
```

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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