

# Converting Colors

Hex(175576)

Have a look what the booklet for  
Hex(175576) contains.

<b>Hex(175576)</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(175576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	175576
RGB	23, 85, 118
RGB Percent	9%, 33%, 46%
CMY	0.9098, 0.6667, 0.5373
CMYK	0.81, 0.28, 0.00, 0.54
HSL	201°, 67%, 28%
HSV	201°, 81%, 46%
XYZ	6.8719, 7.9872, 18.3190
YIQ	70.2240, -47.5450, -2.8810

# Conversions

## Conversions Part 2

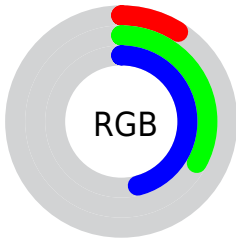
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 61, 118
Decimal	1529206
CIE Lab	33.96, -7.03, -24.28
CIE LCh	34, 25.277, 253.848
Yxy	7.9872, 0.2071, 0.2407
Android (android.graphics.Color)	4279719286 (0xFF175576)
YUV	70.2240, 23.5536, -41.4154
Hunter-Lab	28.2616, -6.0551, -18.6484

# Details

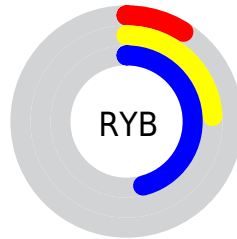
The Hex color **175576** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **763817**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5387AA**, and **002845** is the 20% darker color. If you saturate the color by 10%, you get **0B5176**, and if you desaturate by 10%, it is **235976**.

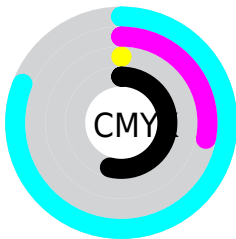
# Distribution



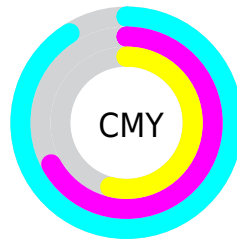
- Red (9%)
- Green (33%)
- Blue (46%)



- Red (9%)
- Yellow (24%)
- Blue (46%)



- Cyan (81%)
- Magenta (28%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (67%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 175576 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 175576 by changing the saturation by 10% instead.



■ 175576

■ 175576

FFFFFF

■ 003E5D

■ 5387AA

■ 002845

■ 6EA1C6

■ 00142F

■ 89BCE2

■ 00011A

■ A5D7FE

■ 000000

■ C1F4FF

■ DEFFFF

■ FBFFFF

■ 175576

■ 175576

■ 0B5176

■ 235976

■ 004D76

■ 2F5D76

■ 3A6176

■ 466576

■ 526976

■ 5E6E76

■ 6A7276

■ 757676

■ 817A76

# Harmonies

## Analogous

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



00596B



175576



414F77

# Triad

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



175576



764047



3D5732

# Complementary

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



175576



763817

# 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.



535228



175576



724435

# Square

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



175576



70415C



664B29



215A44

# Rectangle

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



175576



554A71



664B29



45552E



# Sweetspot

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



175576



748C99



177637



36454D



CCCCCC



4D4D4D



# Same Dimension

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



175576



056599



172776



35393B



00507A



00A3FA



# Inverse Universe

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



761755



990565



766617



3B3539



7A0050



FA00A3



# Previews

## White Background



This preview shows how the Hex color 175576 looks on a white background.

## Color Contrast Check

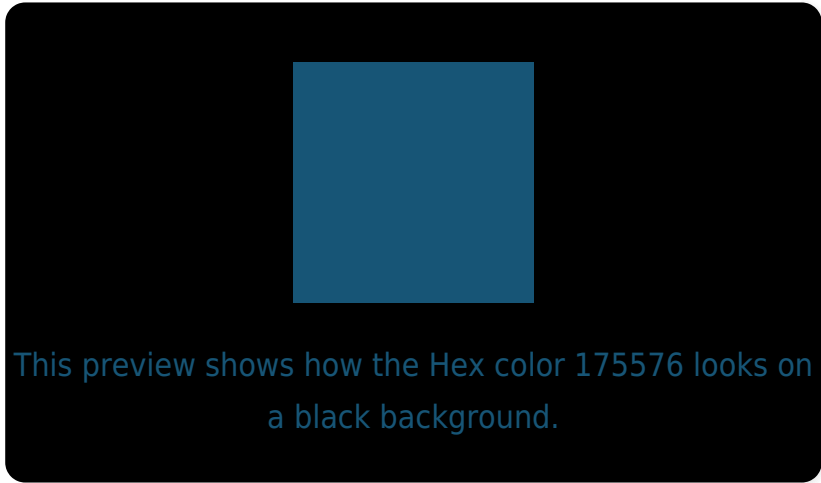
Large Text (above 18pt) WCAG AA ✓ Pass

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

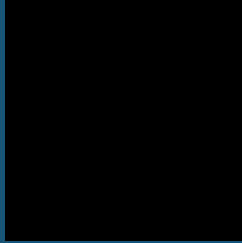
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 175576 Background



This preview shows how black text looks on a background with the Hex color 175576.



This preview shows how white text looks on a background with the Hex color 175576.

# 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](#).

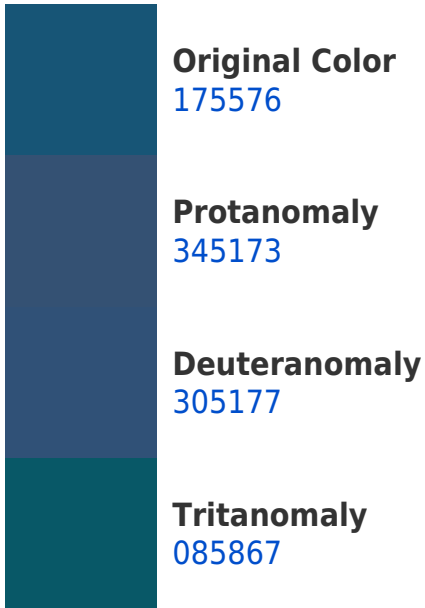
## Dichromacy





**Tritanopia**  
00595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 175576 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 #175576 looks like.

```
.text, #text, p{  
    color:#175576  
}
```

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 #175576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175576
}
```

## Border

The CSS property to change the border of an element to Hex 175576 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
#175576 }
```

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

```
.border{ border-color:#175576 }
```

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

Here you see how a box with a 4 pixel #175576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175576; -webkit-box-shadow:4px 4px  
4px 4px #175576; box-shadow:4px 4px 4px  
4px #175576 }
```

# Background

The CSS property to change the background color of an element to Hex 175576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175576 }
```

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

```
.background{ background-color:#175576 }
```

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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