

Converting Colors

Hex(175371)

Have a look what the booklet for
Hex(175371) contains.

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Color

Hex(175371)

Conversions

Conversions Part 1

Format	Color
Hex	175371
RGB	23, 83, 113
RGB Percent	9%, 33%, 44%
CMY	0.9098, 0.6745, 0.5569
CMYK	0.80, 0.27, 0.00, 0.56
HSL	200°, 66%, 27%
HSV	200°, 80%, 44%
XYZ	6.4272, 7.5609, 16.7434
YIQ	68.4800, -45.3900, -3.3900

Conversions

Conversions Part 2

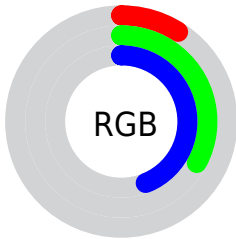
Format	Color
R_{YB}	23, 59, 113
Decimal	1528689
CIE _{Lab}	33.05, -7.72, -22.58
CIE _{LCh}	33, 23.863, 251.115
Yxy	7.5609, 0.2091, 0.2460
Android (android.graphics.Color)	4279718769 (0xFF175371)
YUV	68.4800, 21.9484, -39.8860
Hunter-Lab	27.4971, -6.3970, -16.8546

Details

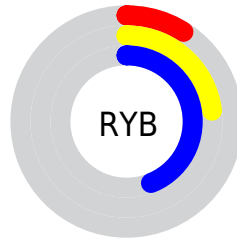
The Hex color **175371** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **713517**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5284A5**, and **002641** is the 20% darker color. If you saturate the color by 10%, you get **0C4F71**, and if you desaturate by 10%, it is **225771**.

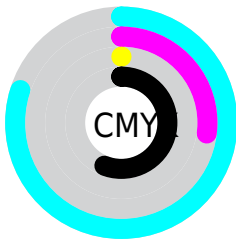
Distribution



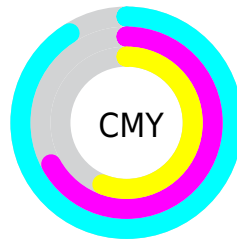
- Red (9%)
- Green (33%)
- Blue (44%)



- Red (9%)
- Yellow (23%)
- Blue (44%)



- Cyan (80%)
- Magenta (27%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175371 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 175371 by changing the saturation by 10% instead.

■ 175371

■ 175371

FFFFFF

■ 003C58

■ 5284A5

■ 002641

■ 6C9EC0

■ 00122B

■ 88B9DC

■ 000116

■ A3D5F9

■ 000000

■ BFF1FF

■ DCFFFF

■ F9FFFF

■ 175371

■ 175371

■ 0C4F71

■ 225771

■ 004B71

■ 2E5B71

■ 395E71

■ 446271

■ 4F6671

■ 5B6A71

■ 666D71

■ 717171

■ 7D7571

Harmonies

Analogous

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



005766



175371



3D4D73

Triad

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



175371



723F47



3E5431

Complementary

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



175371



713517

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.



534F28



175371



6F4236

Square

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



175371



6B405A



64482A



255741

Rectangle

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



175371



51496E



64482A



45522D

Sweetspot

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



175371



708894



177135



35434A



C9C9C9



4A4A4A

Same Dimension

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



175371



066594



172871



323638



005078



00A5F7

Inverse Universe

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



711753



940665



716217



383236



780050



F700A5

Previews

White Background



This preview shows how the Hex color 175371 looks on a white background.

Color Contrast Check

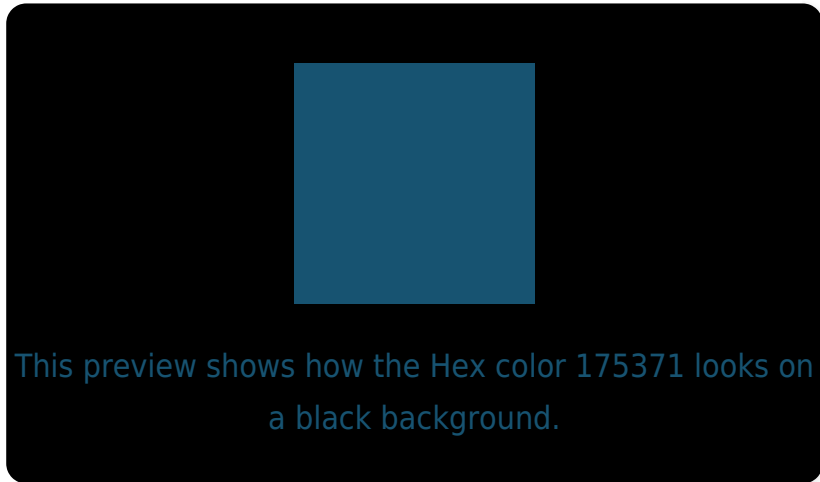
Large Text (above 18pt) WCAG AA ✓ Pass

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

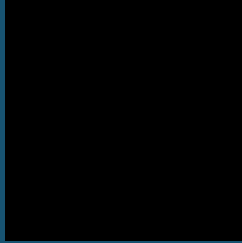
Any Text WCAG AA × Fail

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 175371 Background



This preview shows how black text looks on a background with the Hex color 175371.

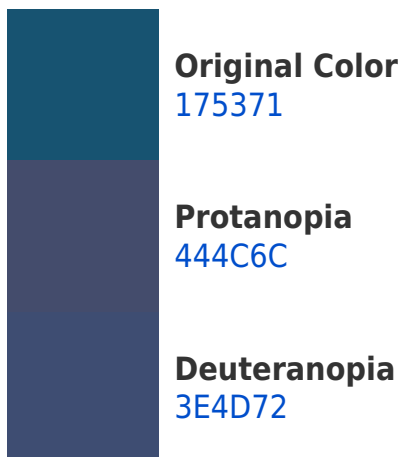


This preview shows how white text looks on a background with the Hex color 175371.

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
00565D

Trichromacy



Original Color
175371

Protanomaly
344F6E

Deuteranomaly
304F72

Tritanomaly
085564

Monochromacy



Original Color
175371

Achromatopsia
444444

Achromatomaly
344954

CSS Examples

Text

The CSS property to change the color of the text to Hex 175371 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 #175371 looks like.

```
.text, #text, p{  
    color:#175371  
}
```

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 #175371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175371
}
```

Border

The CSS property to change the border of an element to Hex 175371 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
#175371 }
```

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

```
.border{ border-color:#175371 }
```

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

Here you see how a box with a 4 pixel #175371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175371; -webkit-box-shadow:4px 4px  
4px 4px #175371; box-shadow:4px 4px 4px  
4px #175371 }
```

Background

The CSS property to change the background color of an element to Hex 175371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175371 }
```

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

```
.background{ background-color:#175371 }
```

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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