

Converting Colors

Hex(175666)

Have a look what the booklet for
Hex(175666) contains.

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Color

Hex(175666)

Conversions

Conversions Part 1

Format	Color
Hex	175666
RGB	23, 86, 102
RGB Percent	9%, 34%, 40%
CMY	0.9098, 0.6627, 0.6000
CMYK	0.77, 0.16, 0.00, 0.60
HSL	192°, 63%, 25%
HSV	192°, 77%, 40%
XYZ	6.0794, 7.7970, 13.7549
YIQ	68.9870, -42.6840, -8.3800

Conversions

Conversions Part 2

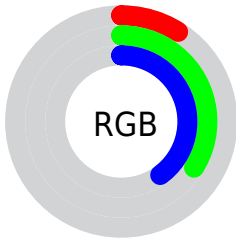
Format	Color
R_{YB}	23, 58, 102
Decimal	1529446
CIE _{Lab}	33.56, -13.65, -14.91
CIE _{LCh}	34, 20.212, 227.537
Yxy	7.7970, 0.2200, 0.2822
Android (android.graphics.Color)	4279719526 (0xFF175666)
YUV	68.9870, 16.2754, -40.3306
Hunter-Lab	27.9232, -10.0027, -9.6600

Details

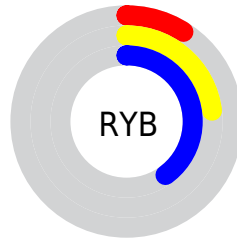
The Hex color **175666** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662717**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **508899**, and **002937** is the 20% darker color. If you saturate the color by 10%, you get **0D5466**, and if you desaturate by 10%, it is **215866**.

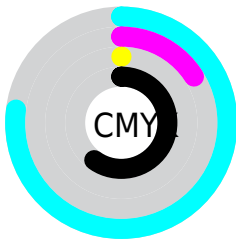
Distribution



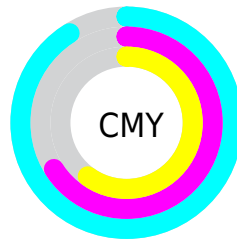
- Red (9%)
- Green (34%)
- Blue (40%)



- Red (9%)
- Yellow (23%)
- Blue (40%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175666 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 175666 by changing the saturation by 10% instead.

■ 175666

■ 175666

FFFFFF

■ 003F4E

■ 508899

■ 002937

■ 6AA2B4

■ 001522

■ 85BDCF

■ 000009

■ A1D9EC

■ 000000

■ BDF6FF

■ D9FFFF

■ F6FFFF

■ 175666

■ 175666

■ 0D5466

■ 215866

■ 035266

■ 2B5A66

■ 005166

■ 365C66

■ 405E66

■ 4A6066

■ 546266

■ 5E6466

■ 696766

■ 736966

Harmonies

Analogous

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



185858



175666



2E526E

Triad

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



175666



6A4356



505130

Complementary

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



175666



662717

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.



604C30



175666



6E4346

Square

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



175666



5C4765



6A4638



3E5539

Rectangle

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



175666



3F4F6E



6A4638



564F2F

Sweetspot

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



175666



667E85



176627



303F42



C2C2C2



424242

Same Dimension

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



175666



096C85



172F66



2E3233



005C73



00C1F2

Inverse Universe

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



661756



85096C



664E17



332E32



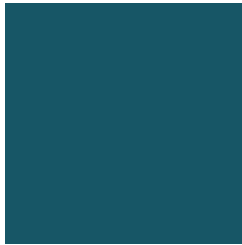
73005C



F200C1

Previews

White Background



This preview shows how the Hex color 175666 looks on a white background.

Color Contrast Check

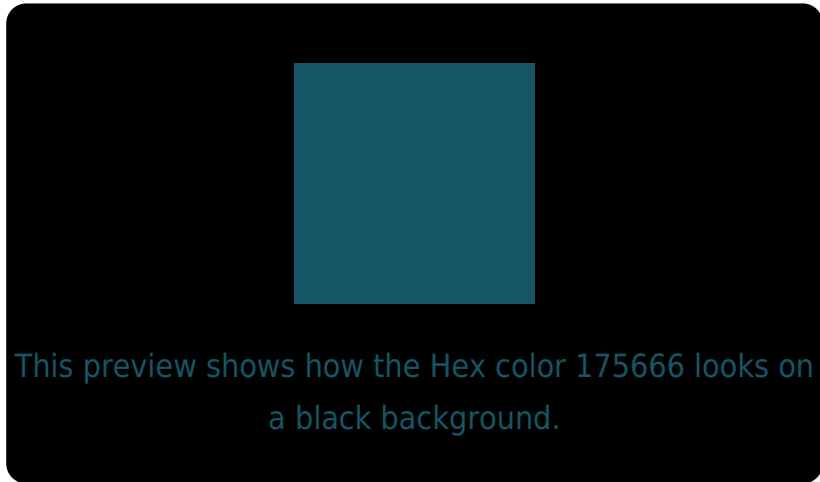
Large Text (above 18pt) WCAG AA ✓ Pass

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

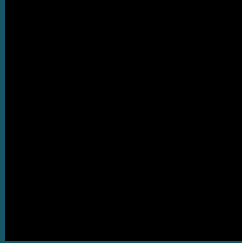
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

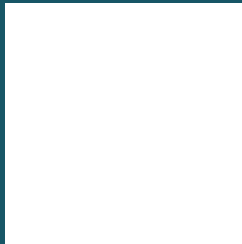
Any Text WCAG AAA × Fail

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

Hex 175666 Background



This preview shows how black text looks on a background with the Hex color 175666.

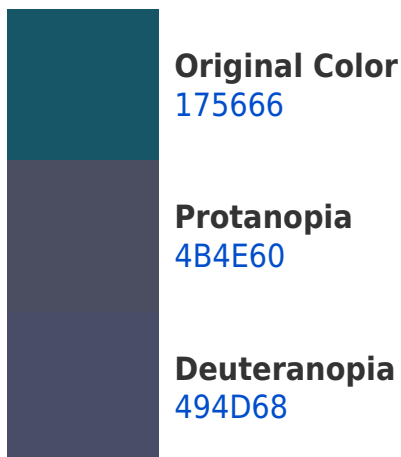


This preview shows how white text looks on a background with the Hex color 175666.

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](#).

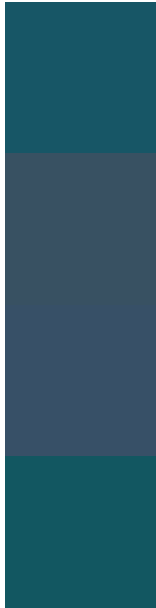
Dichromacy





Tritanopia
0F575E

Trichromacy



Original Color
175666

Protanomaly
385162

Deuteranomaly
375067

Tritanomaly
125761

Monochromacy



Original Color
175666

Achromatopsia
454545

Achromatomaly
344B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 175666 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 #175666 looks like.

```
.text, #text, p{  
    color:#175666  
}
```

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 #175666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175666
}
```

Border

The CSS property to change the border of an element to Hex 175666 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
#175666 }
```

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

```
.border{ border-color:#175666 }
```

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

Here you see how a box with a 4 pixel #175666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175666; -webkit-box-shadow:4px 4px  
4px 4px #175666; box-shadow:4px 4px 4px  
4px #175666 }
```

Background

The CSS property to change the background color of an element to Hex 175666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175666 }
```

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

```
.background{ background-color:#175666 }
```

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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