

Converting Colors

Hex(156585)

Have a look what the booklet for
Hex(156585) contains.

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Color

Hex(156585)

Conversions

Conversions Part 1

Format	Color
Hex	156585
RGB	21, 101, 133
RGB Percent	8%, 40%, 52%
CMY	0.9176, 0.6039, 0.4784
CMYK	0.84, 0.24, 0.00, 0.48
HSL	197°, 73%, 30%
HSV	197°, 84%, 52%
XYZ	9.1966, 11.1602, 23.8597
YIQ	80.7280, -57.9520, -7.0080

Conversions

Conversions Part 2

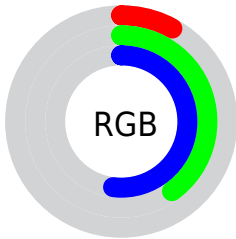
Format	Color
R_{YB}	21, 68, 133
Decimal	1402245
CIE _{Lab}	39.85, -11.18, -24.29
CIE _{LCh}	40, 26.737, 245.272
Yxy	11.1602, 0.2080, 0.2524
Android (android.graphics.Color)	4279592325 (0xFF156585)
YUV	80.7280, 25.7701, -52.3815
Hunter-Lab	33.4070, -9.3230, -18.9609

Details

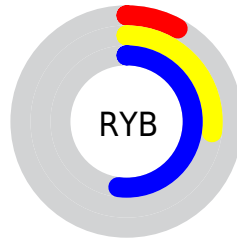
The Hex color **156585** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **853515**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5698BA**, and **003653** is the 20% darker color. If you saturate the color by 10%, you get **086185**, and if you desaturate by 10%, it is **226985**.

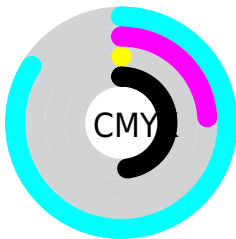
Distribution



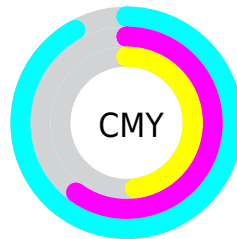
- Red (8%)
- Green (40%)
- Blue (52%)



- Red (8%)
- Yellow (27%)
- Blue (52%)



- Cyan (84%)
- Magenta (24%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156585 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 156585 by changing the saturation by 10% instead.

■ 156585

■ 156585

FFFFFF

■ 004D6C

■ 5698BA

■ 003653

■ 72B3D6

■ 00213C

■ 8ECEf2

■ 000326

■ AAeAff

■ 000110

■ C7FFFF

■ 000000

■ E4FFFF

■ 156585

■ 156585

■ 086185

■ 226985

■ 005F85

■ 306D85

■ 3D7085

■ 4A7485

■ 587885

■ 657C85

■ 728085

■ 7F8385

■ 8D8785

Harmonies

Analogous

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



006976



156585



435F89

Triad

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



156585



874C5B



516439

Complementary

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



156585



853515

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.



685E32



156585



864F46

Square

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



156585



7C5071



7B5637



36684B

Rectangle

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



156585



5B5A85



7B5637



596236

Sweetspot

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



156585



82A1AD



158535



3D4F57



D6D6D6



575757

Same Dimension

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



156585



007CAD



152D85



3C4042



005D82



000203

Inverse Universe

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



851565



AD007C



856D15



423C40



82005D



030002

Previews

White Background



This preview shows how the Hex color 156585 looks on a white background.

Color Contrast Check

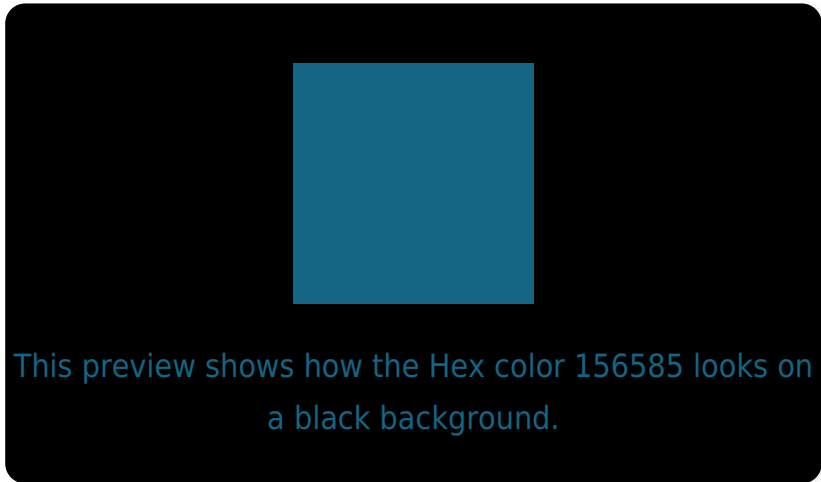
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

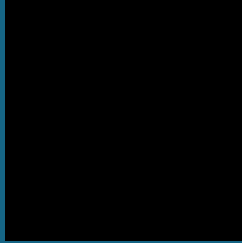
Any Text WCAG AA × Fail

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 156585 Background



This preview shows how black text looks on a background with the Hex color 156585.



This preview shows how white text looks on a background with the Hex color 156585.

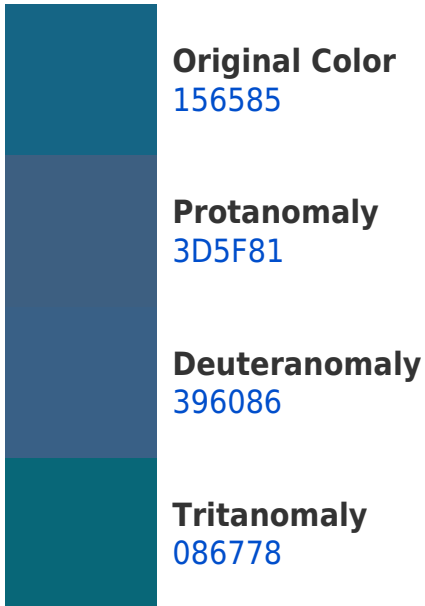
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 156585 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 #156585 looks like.

```
.text, #text, p{  
    color:#156585  
}
```

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 #156585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156585
}
```

Border

The CSS property to change the border of an element to Hex 156585 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
#156585 }
```

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

```
.border{ border-color:#156585 }
```

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

Here you see how a box with a 4 pixel #156585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156585; -webkit-box-shadow:4px 4px  
4px 4px #156585; box-shadow:4px 4px 4px  
4px #156585 }
```

Background

The CSS property to change the background color of an element to Hex 156585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156585 }
```

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

```
.background{ background-color:#156585 }
```

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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