

# Converting Colors

Hex(156D90)

Have a look what the booklet for  
Hex(156D90) contains.

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# Color

Hex(156D90)

# Conversions

## Conversions Part 1

Format	Color
Hex	156D90
RGB	21, 109, 144
RGB Percent	8%, 43%, 56%
CMY	0.9176, 0.5725, 0.4353
CMYK	0.85, 0.24, 0.00, 0.44
HSL	197°, 75%, 32%
HSV	197°, 85%, 56%
XYZ	10.8119, 13.1103, 28.3463
YIQ	86.6780, -63.6830, -7.7710

# Conversions

## Conversions Part 2

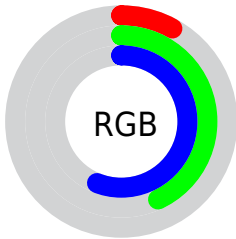
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 72, 144
Decimal	1404304
CIELab	42.93, -11.74, -26.10
CIELCh	43, 28.621, 245.786
Yxy	13.1103, 0.2069, 0.2508
Android (android.graphics.Color)	4279594384 (0xFF156D90)
YUV	86.6780, 28.2597, -57.5996
Hunter-Lab	36.2082, -10.0633, -21.0706

# Details

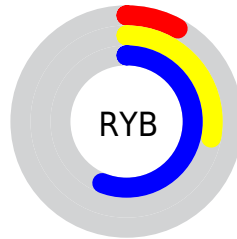
The Hex color **156D90** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **903815**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **59A0C6**, and **003E5D** is the 20% darker color. If you saturate the color by 10%, you get **076990**, and if you desaturate by 10%, it is **237190**.

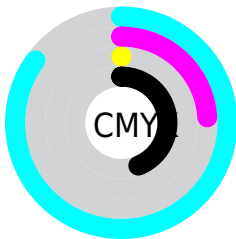
# Distribution



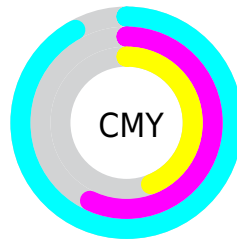
- Red (8%)
- Green (43%)
- Blue (56%)



- Red (8%)
- Yellow (28%)
- Blue (56%)



- Cyan (85%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (92%)
- Magenta (57%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156D90 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 156D90 by changing the saturation by 10% instead.



 156D90

 156D90

FFFFFF

 005576

 59A0C6

 003E5D

 76BBE2

 002846

 92D7FF

 00142F

 AFF4FF

 00011A

 CCFFFF

 000000

 E9FFFF

 156D90

 156D90

 076990

 237190

■ 006790

■ 327590

■ 407990

■ 4F7D90

■ 5D8190

■ 6B8690

■ 7A8A90

■ 888E90

■ 979290

# Harmonies

## Analogous

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



007180



156D90



496694

# Triad

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



156D90



925262



576C3E

# Complementary

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



156D90



903815

# 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.



706535



156D90



91564B

# Square

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



156D90



875679



845D3B



397051

# Rectangle

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



156D90



636090



845D3B



606A3A



# Sweetspot

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



156D90



8AACBA



159038



41565E



DEDEDE



5E5E5E



# Same Dimension

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



156D90



0085BA



153090



404547



006187



000508



# Inverse Universe

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



90156D



BA0085



907515



474045



870061



080005



# Previews

## White Background



This preview shows how the Hex color 156D90 looks on a white background.

### Color Contrast Check

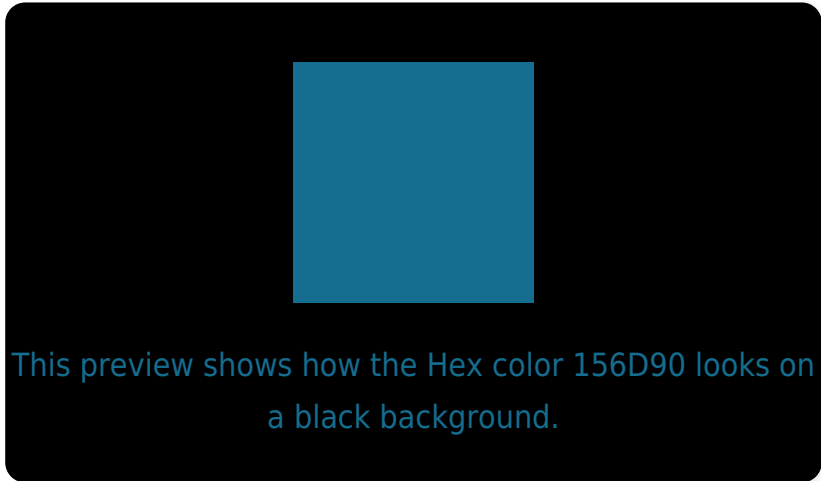
Large Text (above 18pt) WCAG AA ✓ Pass

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

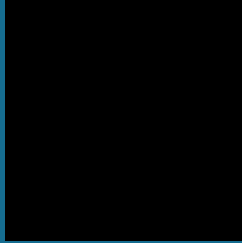
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156D90 Background



This preview shows how black text looks on a background with the Hex color 156D90.

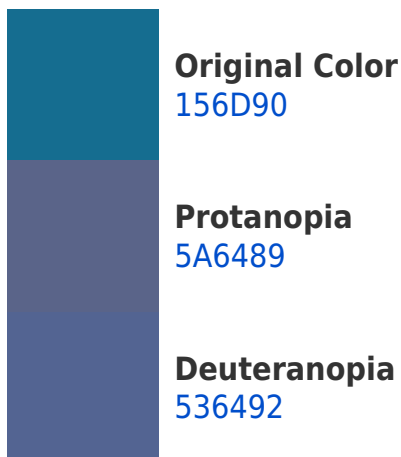


This preview shows how white text looks on a background with the Hex color 156D90.

# 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**  
007079

# Trichromacy



**Original Color**  
156D90

**Protanomaly**  
41678C

**Deuteranomaly**  
3C6791

**Tritanomaly**  
086F81

# Monochromacy



**Original Color**  
156D90

**Achromatopsia**  
575757

**Achromatomaly**  
3F5F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156D90 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 #156D90 looks like.

```
.text, #text, p{  
    color:#156D90  
}
```

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 #156D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156D90  
}
```

## Border

The CSS property to change the border of an element to Hex 156D90 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  
#156D90 }
```

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

```
.border{ border-color:#156D90 }
```

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

Here you see how a box with a 4 pixel #156D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156D90; -webkit-box-shadow:4px 4px  
4px 4px #156D90; box-shadow:4px 4px 4px  
4px #156D90 }
```

# Background

The CSS property to change the background color of an element to Hex 156D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156D90 }
```

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

```
.background{ background-color:#156D90 }
```

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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