

Converting Colors

Hex(016F90)

Have a look what the booklet for
Hex(016F90) contains.

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Color

Hex(016F90)

Conversions

Conversions Part 1

Format	Color
Hex	016F90
RGB	1, 111, 144
RGB Percent	0%, 44%, 56%
CMY	0.9961, 0.5647, 0.4353
CMYK	0.99, 0.23, 0.00, 0.44
HSL	194°, 99%, 28%
HSV	194°, 99%, 56%
XYZ	10.7310, 13.3889, 28.4043
YIQ	81.8720, -76.1530, -13.0570

Conversions

Conversions Part 2

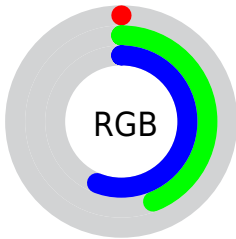
Format	Color
R_{YB}	1, 63, 144
Decimal	94096
CIE _{Lab}	43.34, -14.13, -25.48
CIE _{LCh}	43, 29.133, 240.983
Yxy	13.3889, 0.2043, 0.2549
Android (android.graphics.Color)	4278284176 (0xFF016F90)
YUV	81.8720, 30.6291, -70.9247
Hunter-Lab	36.5909, -11.6855, -20.4112

Details

The Hex color **016F90** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **902201**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **53A3C6**, and **003F5D** is the 20% darker color. If you saturate the color by 10%, you get **006F90**, and if you desaturate by 10%, it is **0F7290**.

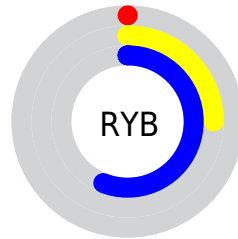
Distribution



Red (0%)

Green (44%)

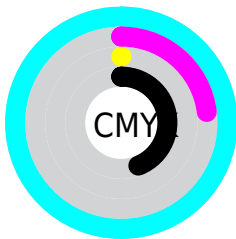
Blue (56%)



Red (0%)

Yellow (25%)

Blue (56%)

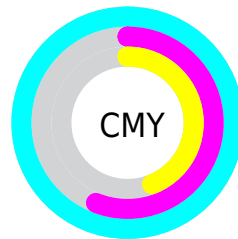


Cyan (99%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (100%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016F90 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 016F90 by changing the saturation by 10% instead.

016F90

016F90

FFFFFF

005776

53A3C6

003F5D

70BEE2

002946

8DDAFF

00162F

AAF6FF

00011A

C7FFFF

000000

E5FFFF

016F90

016F90

006F90

0F7290

■ 1E7690

■ 2C7990

■ 3B7C90

■ 498090

■ 578390

■ 668690

■ 748A90

■ 838D90

Harmonies

Analogous

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



00727E



016F90



426996

Triad

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



016F90



935367



5C6C3C

Complementary

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



016F90



902201

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.



756535



016F90



94554F

Square

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



016F90



85577E



885D3D



3E714E

Rectangle

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



016F90



5E6393



885D3D



656A38

Sweetspot

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



016F90



82ADBA



019020



3C575E



DEDEDE



5E5E5E

Same Dimension

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



016F90



008FBA



012A90



404647



006887



000608

Inverse Universe

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



90016F



BA008F



906701



474046



870068



080006

Previews

White Background



This preview shows how the Hex color 016F90 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

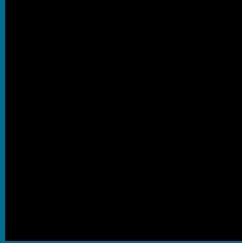
Any Text WCAG AA × Fail

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 016F90 Background



This preview shows how black text looks on a background with the Hex color 016F90.

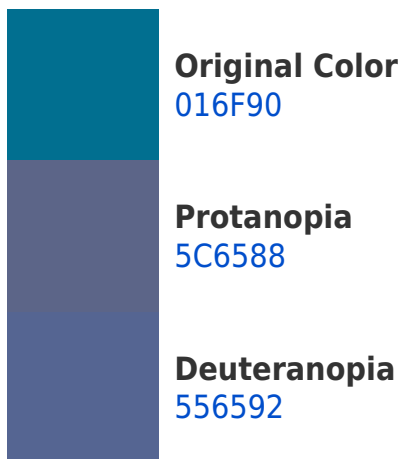


This preview shows how white text looks on a background with the Hex color 016F90.

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](#).

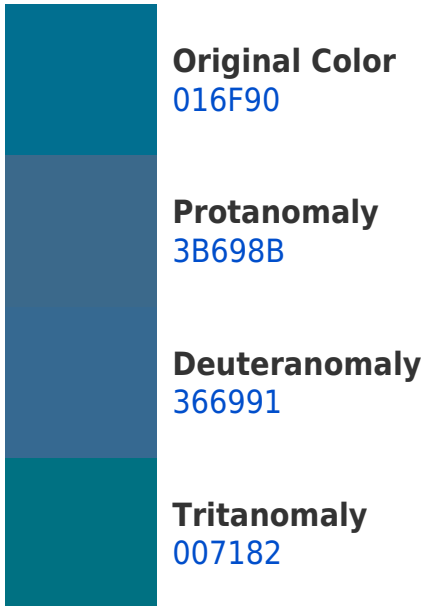
Dichromacy





Tritanopia
00727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 016F90 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 #016F90 looks like.

```
.text, #text, p{  
    color:#016F90  
}
```

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 #016F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016F90
}
```

Border

The CSS property to change the border of an element to Hex 016F90 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
#016F90 }
```

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

```
.border{ border-color:#016F90 }
```

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

Here you see how a box with a 4 pixel #016F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016F90; -webkit-box-shadow:4px 4px  
4px 4px #016F90; box-shadow:4px 4px 4px  
4px #016F90 }
```

Background

The CSS property to change the background color of an element to Hex 016F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016F90 }
```

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

```
.background{ background-color:#016F90 }
```

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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