

Converting Colors

Hex(0D6F8D)

Have a look what the booklet for
Hex(0D6F8D) contains.

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Color

Hex(0D6F8D)

Conversions

Conversions Part 1

Format	Color
Hex	0D6F8D
RGB	13, 111, 141
RGB Percent	5%, 44%, 55%
CMY	0.9490, 0.5647, 0.4471
CMYK	0.91, 0.21, 0.00, 0.45
HSL	194°, 83%, 30%
HSV	194°, 91%, 55%
XYZ	10.6581, 13.3775, 27.2197
YIQ	85.1180, -68.0380, -11.4460

Conversions

Conversions Part 2

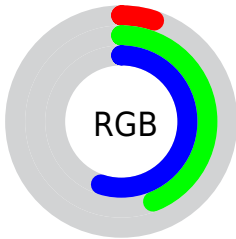
Format	Color
RYB	13, 69, 141
Decimal	880525
CIELab	43.33, -14.61, -23.70
CIElCh	43, 27.842, 238.356
Yxy	13.3775, 0.2079, 0.2610
Android (android.graphics.Color)	4279070605 (0xFF0D6F8D)
YUV	85.1180, 27.5498, -63.2475
Hunter-Lab	36.5753, -11.9914, -18.5214

Details

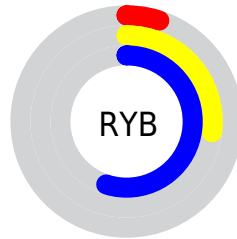
The Hex color **0D6F8D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8D2B0D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **56A3C3**, and **003F5B** is the 20% darker color. If you saturate the color by 10%, you get **006C8D**, and if you desaturate by 10%, it is **1B728D**.

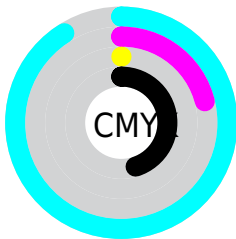
Distribution



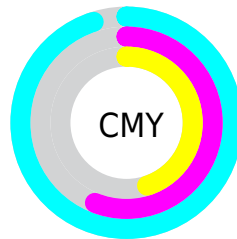
- Red (5%)
- Green (44%)
- Blue (55%)



- Red (5%)
- Yellow (27%)
- Blue (55%)



- Cyan (91%)
- Magenta (21%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6F8D 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 0D6F8D by changing the saturation by 10% instead.

0D6F8D

0D6F8D

FFFFFF

005773

56A3C3

003F5B

72BEDF

002943

8FDAFB

00162D

ACF6FF

000118

C9FFFF

000000

E6FFFF

0D6F8D

0D6F8D

006C8D

1B728D

■ 29768D

■ 37798D

■ 457C8D

■ 54808D

■ 62838D

■ 70868D

■ 7E898D

■ 8C8D8D

Harmonies

Analogous

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



00727B



0D6F8D



416994

Triad

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



0D6F8D



915469



5F6C3D

Complementary

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



0D6F8D



8D2B0D

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.



766538



0D6F8D



925652

Square

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



0D6F8D



82597F



895C40



43704D

Rectangle

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



0D6F8D



5B6492



895C40



67693A

Sweetspot

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



0D6F8D



86ACB8



0D8D2B



3E555C



DBDBDB



5C5C5C

Same Dimension

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



0D6F8D



008DB8



0D2F8D



404647



006787



000608

Inverse Universe

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



8D0D6F



B8008D



8D6B0D



474046



870067



080006

Previews

White Background



This preview shows how the Hex color 0D6F8D looks on a white background.

Color Contrast Check

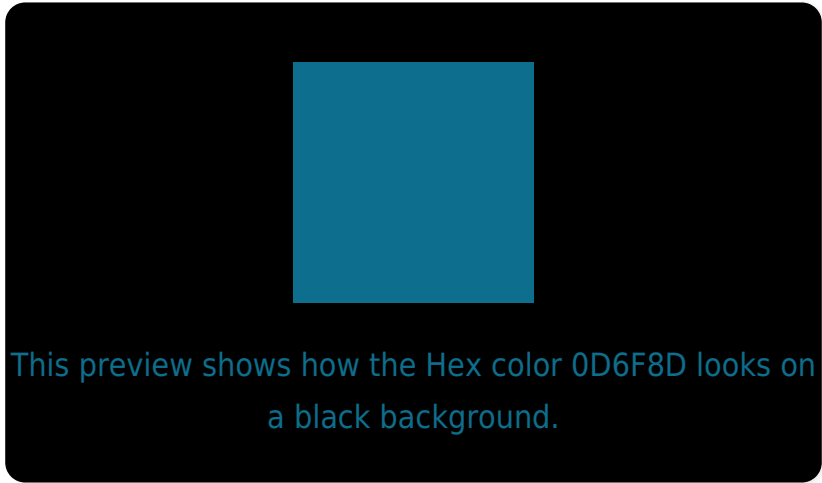
Large Text (above 18pt) WCAG AA ✓ Pass

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

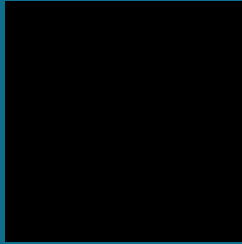
Any Text WCAG AA × Fail

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 0D6F8D Background



This preview shows how black text looks on a background with the Hex color 0D6F8D.

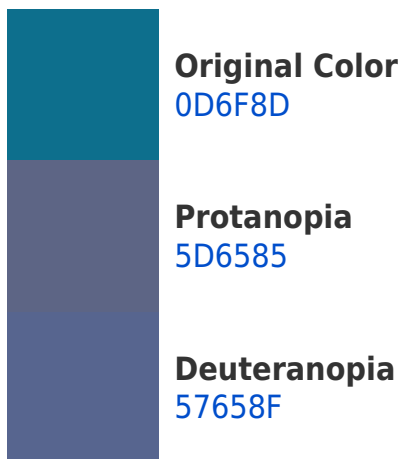


This preview shows how white text looks on a background with the Hex color 0D6F8D.

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](#).

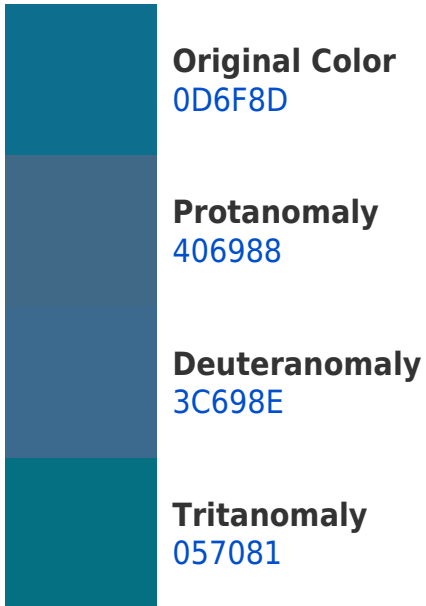
Dichromacy



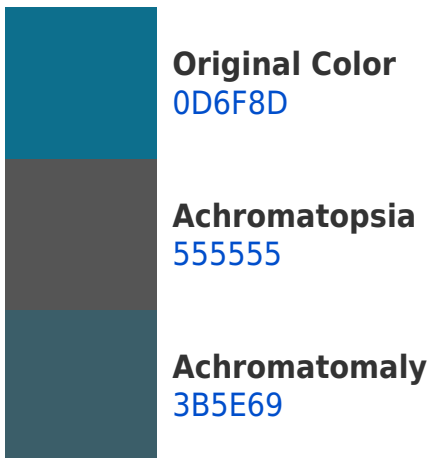


Tritanopia
00717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6F8D 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 #0D6F8D looks like.

```
.text, #text, p{  
    color:#0D6F8D  
}
```

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 #0D6F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6F8D
}
```

Border

The CSS property to change the border of an element to Hex 0D6F8D 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
#0D6F8D }
```

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

```
.border{ border-color:#0D6F8D }
```

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

Here you see how a box with a 4 pixel #0D6F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6F8D; -webkit-box-shadow:4px 4px  
4px 4px #0D6F8D; box-shadow:4px 4px 4px  
4px #0D6F8D }
```

Background

The CSS property to change the background color of an element to Hex 0D6F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6F8D }
```

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

```
.background{ background-color:#0D6F8D }
```

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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