

Converting Colors

Hex(01638B)

Have a look what the booklet for
Hex(01638B) contains.

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Color

Hex(01638B)

Conversions

Conversions Part 1

Format	Color
Hex	01638B
RGB	1, 99, 139
RGB Percent	0%, 39%, 55%
CMY	0.9961, 0.6118, 0.4549
CMYK	0.99, 0.29, 0.00, 0.45
HSL	197°, 99%, 27%
HSV	197°, 99%, 55%
XYZ	9.1346, 10.7942, 26.0281
YIQ	74.2580, -71.2480, -8.3360

Conversions

Conversions Part 2

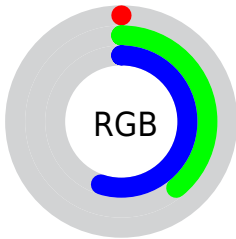
Format	Color
R_YB	1, 58, 139
Decimal	91019
CIE _{Lab}	39.23, -9.04, -28.90
CIE _{LCh}	39, 30.279, 252.627
Yxy	10.7942, 0.1988, 0.2349
Android (android.graphics.Color)	4278281099 (0xFF01638B)
YUV	74.2580, 31.9178, -64.2473
Hunter-Lab	32.8545, -7.8671, -23.9727

Details

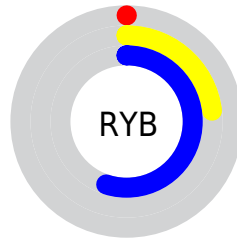
The Hex color **01638B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8B2901**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5196C1**, and **003559** is the 20% darker color. If you saturate the color by 10%, you get **00638B**, and if you desaturate by 10%, it is **0F678B**.

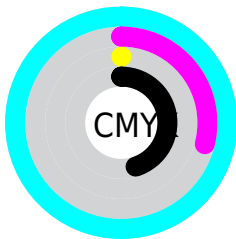
Distribution



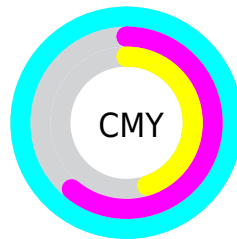
- Red (0%)
- Green (39%)
- Blue (55%)



- Red (0%)
- Yellow (23%)
- Blue (55%)



- Cyan (99%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)





- Cyan (100%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01638B 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 01638B by changing the saturation by 10% instead.

 01638B

 01638B

FFFFFF

 004B71

 5196C1

 003559

 6EB0DD

 002041

 8ACCF9

 00032B

 A7E8FF

 000115

 C4FFFF

 000000

 E1FFFF

 01638B

 01638B

 00638B

 0F678B

■ 1D6B8B

■ 2B6F8B

■ 39738B

■ 46778B

■ 547B8B

■ 627F8B

■ 70838B

■ 7E878B

Harmonies

Analogous

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



00687D



01638B



475B8C

Triad

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



01638B



8B4853



466537

Complementary

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



01638B



8B2901

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.



615E2B



01638B



874D3C

Square

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



01638B



834A6C



77562D



22684D

Rectangle

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



01638B



615586



77562D



506332

Sweetspot

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



01638B



7FA5B5



018B28



3B525C



DBDBDB



5C5C5C

Same Dimension

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



01638B



0081B5



011F8B



3E4345



005E85



000405

Inverse Universe

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



8B0163



B50081



8B6D01



453E43



85005E



050004

Previews

White Background



This preview shows how the Hex color 01638B looks on a white background.

Color Contrast Check

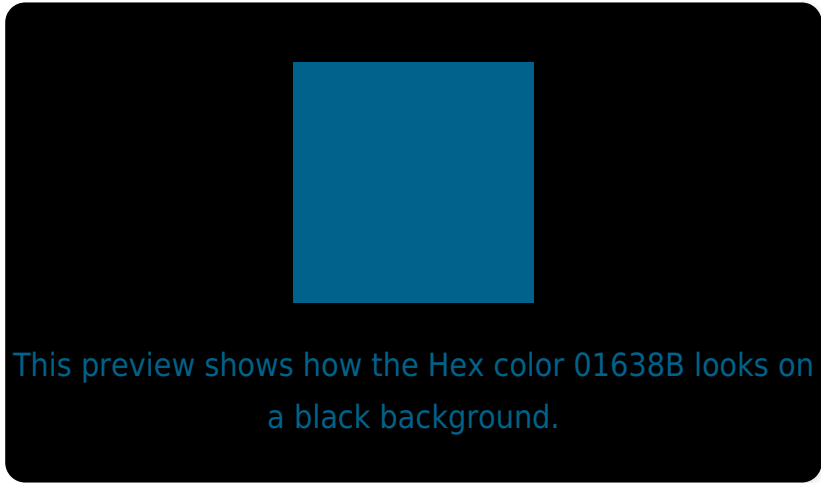
Large Text (above 18pt) WCAG AA ✓ Pass

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

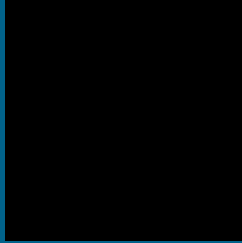
Any Text WCAG AA × Fail

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 01638B Background



This preview shows how black text looks on a background with the Hex color 01638B.



This preview shows how white text looks on a background with the Hex color 01638B.

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
00676E

Trichromacy



Original Color
01638B

Protanomaly
335E87

Deuteranomaly
2C5F8C

Tritanomaly
006679

Monochromacy



Original Color
01638B

Achromatopsia
4A4A4A

Achromatomaly
2F5362

CSS Examples

Text

The CSS property to change the color of the text to Hex 01638B 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 #01638B looks like.

```
.text, #text, p{  
    color:#01638B  
}
```

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 #01638B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01638B
}
```

Border

The CSS property to change the border of an element to Hex 01638B 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
#01638B }
```

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

```
.border{ border-color:#01638B }
```

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

Here you see how a box with a 4 pixel #01638B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01638B; -webkit-box-shadow:4px 4px  
4px 4px #01638B; box-shadow:4px 4px 4px  
4px #01638B }
```

Background

The CSS property to change the background color of an element to Hex 01638B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01638B }
```

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

```
.background{ background-color:#01638B }
```

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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