

Converting Colors

Hex(3D6B83)

Have a look what the booklet for
Hex(3D6B83) contains.

Hex(3D6B83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D6B83)

Conversions

Conversions Part 1

Format	Color
Hex	3D6B83
RGB	61, 107, 131
RGB Percent	24%, 42%, 51%
CMY	0.7608, 0.5804, 0.4863
CMYK	0.53, 0.18, 0.00, 0.49
HSL	201°, 36%, 38%
HSV	201°, 53%, 51%
XYZ	11.2789, 13.1462, 23.4157
YIQ	95.9820, -35.1200, -2.2880

Conversions

Conversions Part 2

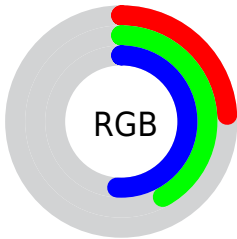
Format	Color
RYB	61, 89, 131
Decimal	4025219
CIELab	42.98, -8.53, -18.13
CIElCh	43, 20.037, 244.800
Yxy	13.1462, 0.2358, 0.2748
Android (android.graphics.Color)	4282215299 (0xFF3D6B83)
YUV	95.9820, 17.2639, -30.6792
Hunter-Lab	36.2577, -7.9238, -12.9100

Details

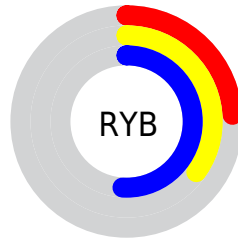
The Hex color **3D6B83** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83553D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **719EB8**, and **003C52** is the 20% darker color. If you saturate the color by 10%, you get **306783**, and if you desaturate by 10%, it is **4A6F83**.

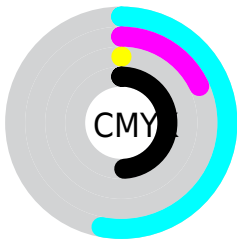
Distribution



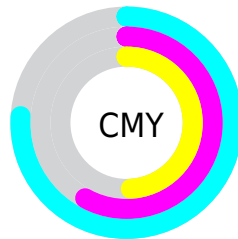
- Red (24%)
- Green (42%)
- Blue (51%)



- Red (24%)
- Yellow (35%)
- Blue (51%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)



- Cyan (76%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6B83 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 3D6B83 by changing the saturation by 10% instead.

■ 3D6B83

■ 3D6B83

FFFFFF

■ 22536A

■ 719EB8

■ 003C52

■ 8CB9D4

■ 00263A

■ A8D5F0

■ 001225

■ C4F1FF

■ 00010E

■ E0FFFF

■ 000000

FDFFFF

■ 3D6B83

■ 3D6B83

■ 306783

■ 4A6F83

■ 236283

■ 577483

■ 165E83

■ 647883

■ 095983

■ 717D83

■ 005683

■ 7F8183

■ 8C8683

■ 998A83

■ A68F83

■ B39383

Harmonies

Analogous

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



316E78



3D6B83



546686

Triad

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



3D6B83



865963



5D6A4A

Complementary

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



3D6B83



83553D

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.



6F6544



3D6B83



865B53

Square

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



3D6B83



7D5B74



7D6048



496D57

Rectangle

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



3D6B83



646283



7D6048



636947

Sweetspot

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



3D6B83



90A1AB



3D8354



465157



D6D6D6



575757

Same Dimension

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



3D6B83



3E85AB



3D4983



3C4042



005582



000203

Inverse Universe

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



833D6B



AB3E85



83773D



423C40



820055



030002

Previews

White Background



This preview shows how the Hex color 3D6B83 looks on a white background.

Color Contrast Check

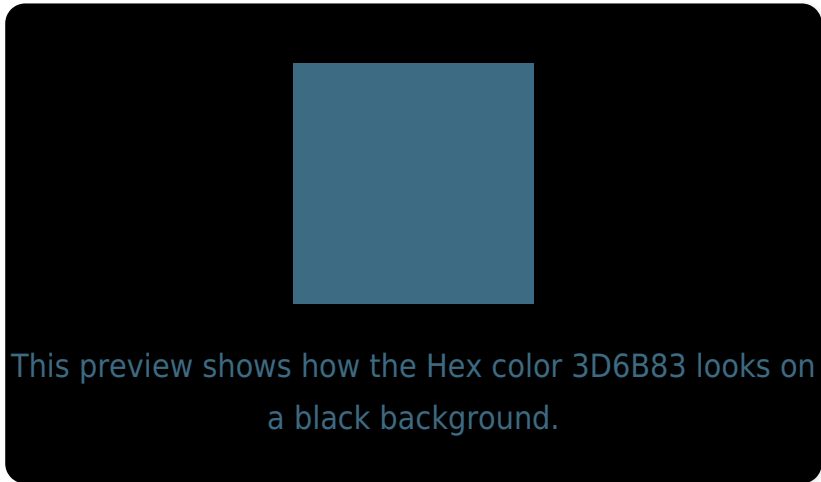
Large Text (above 18pt) WCAG AA ✓ Pass

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

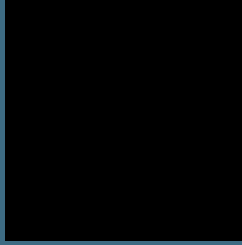
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

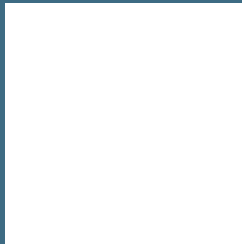
Any Text WCAG AAA × Fail

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

Hex 3D6B83 Background



This preview shows how black text looks on a background with the Hex color 3D6B83.

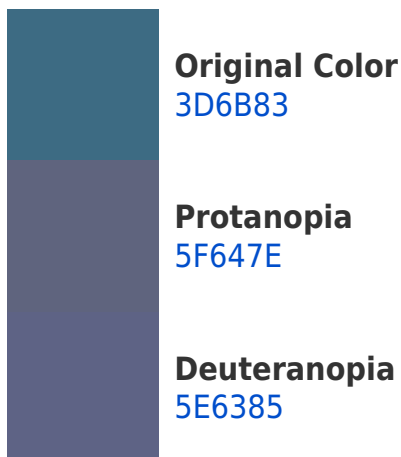



This preview shows how white text looks on a background with the Hex color 3D6B83.

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](#).

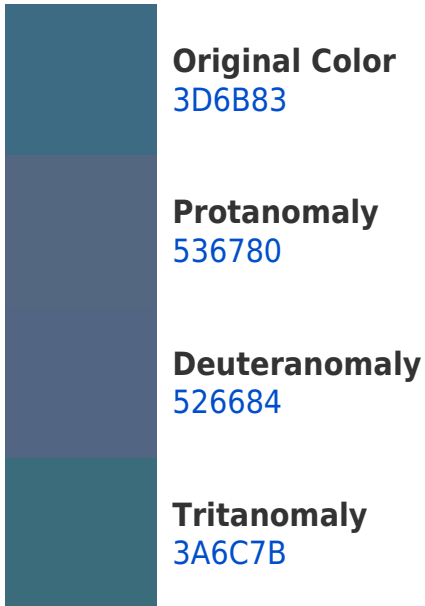
Dichromacy





Tritanopia
386D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6B83 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 #3D6B83 looks like.

```
.text, #text, p{  
    color:#3D6B83  
}
```

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 #3D6B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6B83
}
```

Border

The CSS property to change the border of an element to Hex 3D6B83 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
#3D6B83 }
```

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

```
.border{ border-color:#3D6B83 }
```

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

Here you see how a box with a 4 pixel #3D6B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6B83; -webkit-box-shadow:4px 4px  
4px 4px #3D6B83; box-shadow:4px 4px 4px  
4px #3D6B83 }
```

Background

The CSS property to change the background color of an element to Hex 3D6B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6B83 }
```

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

```
.background{ background-color:#3D6B83 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor