

Converting Colors

Hex(3D7F86)

Have a look what the booklet for
Hex(3D7F86) contains.

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Color

Hex(3D7F86)

Conversions

Conversions Part 1

Format	Color
Hex	3D7F86
RGB	61, 127, 134
RGB Percent	24%, 50%, 53%
CMY	0.7608, 0.5020, 0.4745
CMYK	0.54, 0.05, 0.00, 0.47
HSL	186°, 37%, 38%
HSV	186°, 54%, 53%
XYZ	13.8169, 17.8921, 25.2795
YIQ	108.0640, -41.5830, -11.8150

Conversions

Conversions Part 2

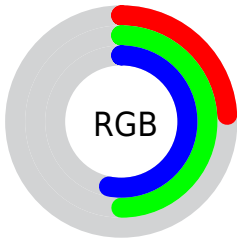
Format	Color
RYB	61, 96, 134
Decimal	4030342
CIELab	49.36, -18.84, -10.22
CIELCh	49, 21.439, 208.485
Yxy	17.8921, 0.2425, 0.3140
Android (android.graphics.Color)	4282220422 (0xFF3D7F86)
YUV	108.0640, 12.7864, -41.2751
Hunter-Lab	42.2990, -15.7165, -5.8247

Details

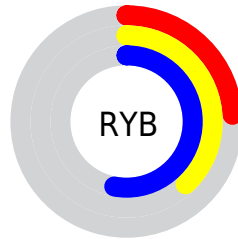
The Hex color **3D7F86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86443D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **73B4BB**, and **004E54** is the 20% darker color. If you saturate the color by 10%, you get **307E86**, and if you desaturate by 10%, it is **4A8086**.

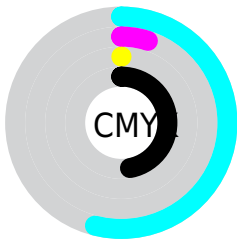
Distribution



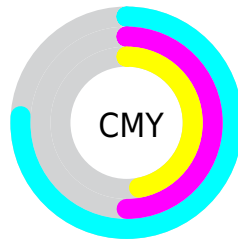
- Red (24%)
- Green (50%)
- Blue (53%)



- Red (24%)
- Yellow (38%)
- Blue (53%)



- Cyan (54%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (76%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7F86 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 3D7F86 by changing the saturation by 10% instead.

■ 3D7F86

■ 3D7F86

FFFFFF

■ 20666D

■ 73B4BB

■ 004E54

■ 8ED0D7

■ 00373D

■ AAECF3

■ 002128

■ C6FFFF

■ 000113

■ E3FFFF

■ 000000

■ 3D7F86

■ 3D7F86

■ 307E86

■ 4A8086

■ 227C86

■ 588286

157B86

658386

077A86

738486

007986

808586

8D8786

9B8886

A88986

B68B86

Harmonies

Analogous

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



487F74



3D7F86



467C94

Triad

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



3D7F86



8C6B89



837451

Complementary

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



3D7F86



86443D

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.



926E57



3D7F86



986877

Square

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



3D7F86



777195



9A6965



707955

Rectangle

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



3D7F86



547999



9A6965



897252

Sweetspot

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



3D7F86



92ABAD



3D8643



465557



D6D6D6



575757

Same Dimension

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



3D7F86



3DA3AD



3D5B86



3C4242



007682



000203

Inverse Universe

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



863D7F



AD3DA3



86683D



423C42



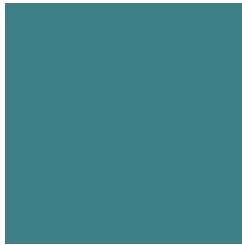
820076



030002

Previews

White Background



This preview shows how the Hex color 3D7F86 looks on a white background.

Color Contrast Check

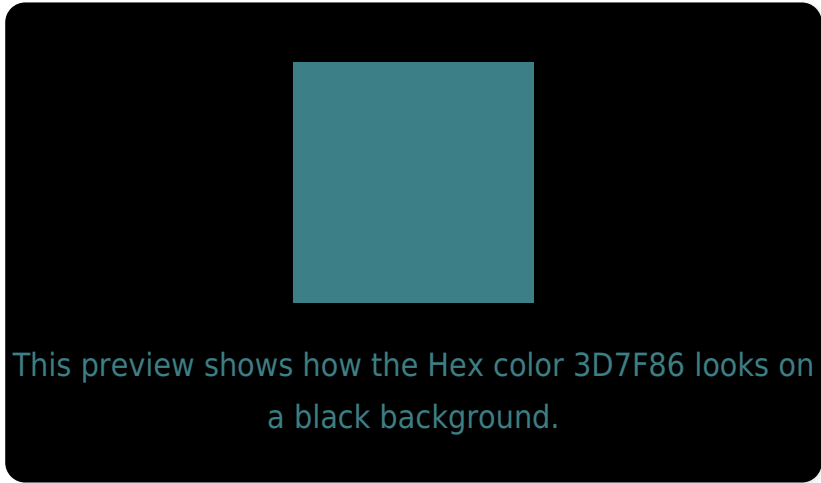
Large Text (above 18pt) WCAG AA ✓ Pass

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

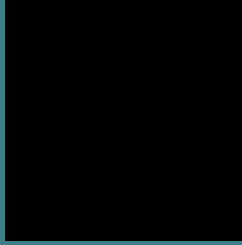
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3D7F86 Background



This preview shows how black text looks on a background with the Hex color 3D7F86.

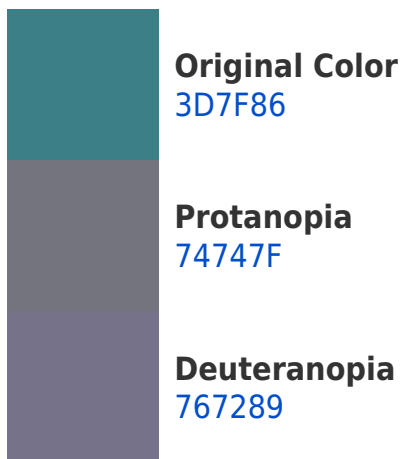


This preview shows how white text looks on a background with the Hex color 3D7F86.

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
3E7F89

Trichromacy



Original Color
3D7F86

Protanomaly
607882

Deuteranomaly
617788

Tritanomaly
3E7F88

Monochromacy



Original Color
3D7F86

Achromatopsia
6C6C6C

Achromatomaly
5B7375

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7F86 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 #3D7F86 looks like.

```
.text, #text, p{  
    color:#3D7F86  
}
```

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 #3D7F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7F86
}
```

Border

The CSS property to change the border of an element to Hex 3D7F86 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
#3D7F86 }
```

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

```
.border{ border-color:#3D7F86 }
```

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

Here you see how a box with a 4 pixel #3D7F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7F86; -webkit-box-shadow:4px 4px  
4px 4px #3D7F86; box-shadow:4px 4px 4px  
4px #3D7F86 }
```

Background

The CSS property to change the background color of an element to Hex 3D7F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7F86 }
```

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

```
.background{ background-color:#3D7F86 }
```

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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