

Converting Colors

Hex(3D6A98)

Have a look what the booklet for
Hex(3D6A98) contains.

Hex(3D6A98)	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(3D6A98)

Conversions

Conversions Part 1

Format	Color
Hex	3D6A98
RGB	61, 106, 152
RGB Percent	24%, 42%, 60%
CMY	0.7608, 0.5843, 0.4039
CMYK	0.60, 0.30, 0.00, 0.40
HSL	210°, 43%, 42%
HSV	210°, 60%, 60%
XYZ	12.7460, 13.5672, 31.6527
YIQ	97.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

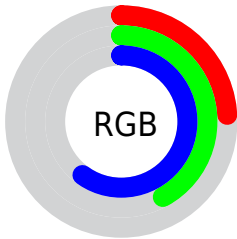
Format	Color
RYB	61, 91, 152
Decimal	4024984
CIELab	43.61, -0.99, -29.72
CIELCh	44, 29.737, 268.083
Yxy	13.5672, 0.2199, 0.2341
Android (android.graphics.Color)	4282215064 (0xFF3D6A98)
YUV	97.7890, 26.7260, -32.2640
Hunter-Lab	36.8336, -2.6903, -25.1669

Details

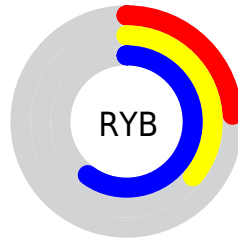
The Hex color **3D6A98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **986B3D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **749DCF**, and **003B65** is the 20% darker color. If you saturate the color by 10%, you get **2E6298**, and if you desaturate by 10%, it is **4C7298**.

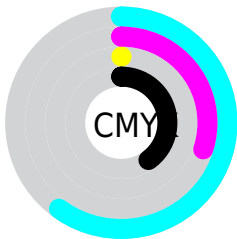
Distribution



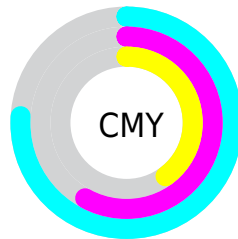
- Red (24%)
- Green (42%)
- Blue (60%)



- Red (24%)
- Yellow (36%)
- Blue (60%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A98 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 3D6A98 by changing the saturation by 10% instead.



3D6A98



3D6A98

FFFFFF



1F527E



749DCF



003B65



8FB8EB



00264D



ABD3FF



001136



C8F0FF



000220



E5FFFF



000004



000000



3D6A98



3D6A98



2E6298



4C7298

■ 1F5B98

■ 5B7998

■ 0F5398

■ 6B8198

■ 004B98

■ 7A8998

■ 899098

■ 989898

■ A7A098

■ B7A798

■ C6AF98

Harmonies

Analogous

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



007090



3D6A98



676193

Triad

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



3D6A98



965551



41714C

Complementary

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



3D6A98



986B3D

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.



5F6C3A



3D6A98



8B5C3E

Square

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



3D6A98



94536A



786535



187465

Rectangle

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



3D6A98



7C5B88



786535



4C7045

Sweetspot

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



3D6A98



A1B2C4



3D986B



4E5863



E3E3E3



636363

Same Dimension

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



3D6A98



377DC4



3D3D98



45494D



00458C



00060D

Inverse Universe

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



983D6A



C4377D



98983D



4D4549



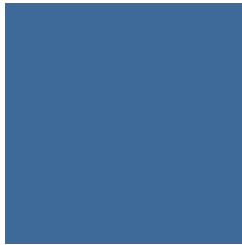
8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 3D6A98 looks on a white background.

Color Contrast Check

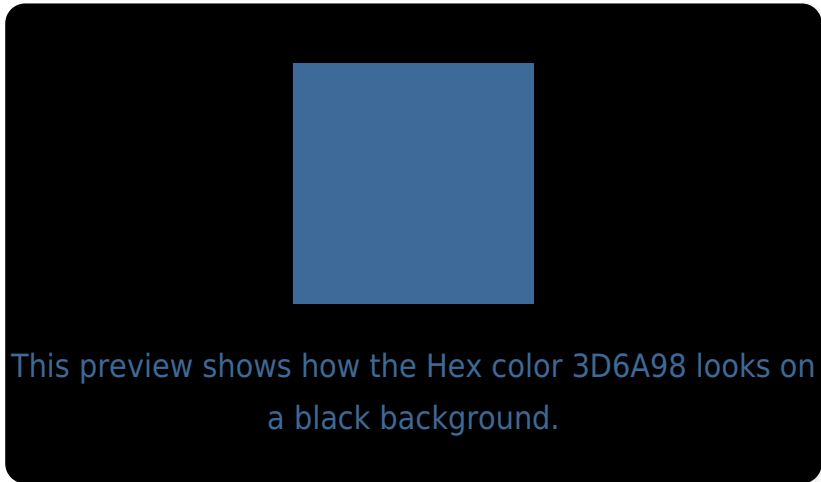
Large Text (above 18pt) WCAG AA ✓ Pass

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

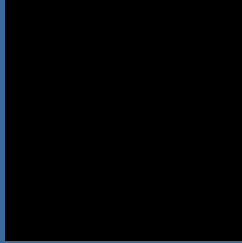
Any Text WCAG AA × Fail

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 3D6A98 Background



This preview shows how black text looks on a background with the Hex color 3D6A98.

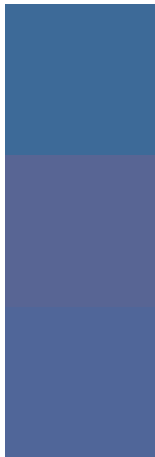


This preview shows how white text looks on a background with the Hex color 3D6A98.

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



Original Color
3D6A98

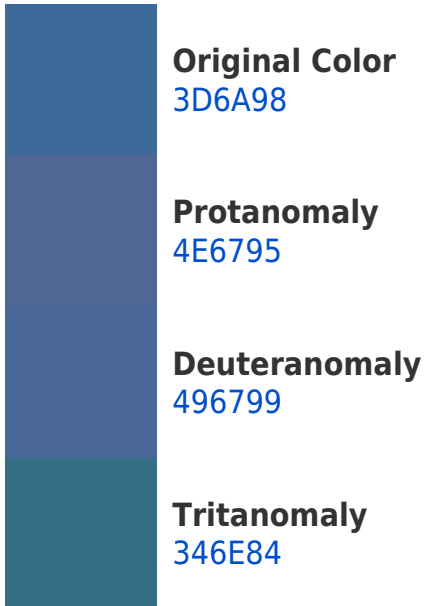
Protanopia
586594

Deuteranopia
506699



Tritanopia
2F7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6A98 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 #3D6A98 looks like.

```
.text, #text, p{  
    color:#3D6A98  
}
```

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 #3D6A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A98
}
```

Border

The CSS property to change the border of an element to Hex 3D6A98 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
#3D6A98 }
```

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

```
.border{ border-color:#3D6A98 }
```

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

Here you see how a box with a 4 pixel #3D6A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A98; -webkit-box-shadow:4px 4px  
4px 4px #3D6A98; box-shadow:4px 4px 4px  
4px #3D6A98 }
```

Background

The CSS property to change the background color of an element to Hex 3D6A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A98 }
```

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

```
.background{ background-color:#3D6A98 }
```

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