

Converting Colors

Hex(3D6083)

Have a look what the booklet for
Hex(3D6083) contains.

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Color

Hex(3D6083)

Conversions

Conversions Part 1

Format	Color
Hex	3D6083
RGB	61, 96, 131
RGB Percent	24%, 38%, 51%
CMY	0.7608, 0.6235, 0.4863
CMYK	0.53, 0.27, 0.00, 0.49
HSL	210°, 36%, 38%
HSV	210°, 53%, 51%
XYZ	10.2041, 10.9965, 23.0575
YIQ	89.5250, -32.0950, 3.4650

Conversions

Conversions Part 2

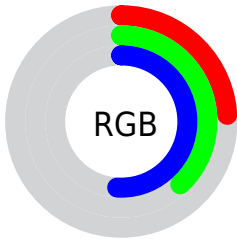
Format	Color
RYB	61, 84, 131
Decimal	4022403
CIELab	39.57, -1.91, -23.39
CIELCh	40, 23.470, 265.336
Yxy	10.9965, 0.2306, 0.2485
Android (android.graphics.Color)	4282212483 (0xFF3D6083)
YUV	89.5250, 20.4472, -25.0164
Hunter-Lab	33.1610, -3.1050, -18.0127

Details

The Hex color **3D6083** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83603D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7192B8**, and **003251** is the 20% darker color. If you saturate the color by 10%, you get **305983**, and if you desaturate by 10%, it is **4A6783**.

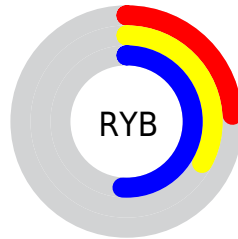
Distribution



Red (24%)

Green (38%)

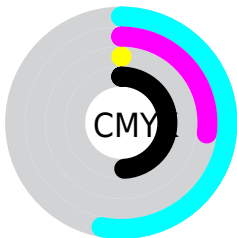
Blue (51%)



Red (24%)

Yellow (33%)

Blue (51%)

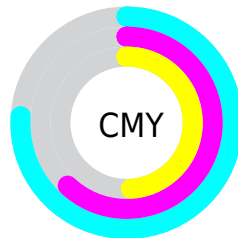


Cyan (53%)

Magenta (27%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6083 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 3D6083 by changing the saturation by 10% instead.

■ 3D6083

■ 3D6083

FFFFFF

■ 22486A

■ 7192B8

■ 003251

■ 8CADD4

■ 001D3A

■ A7C8F0

■ 000225

■ C3E4FF

■ 00010D

■ E0FFFF

■ 000000

FDFFFF

■ 3D6083

■ 3D6083

■ 305983

■ 4A6783

■ 235383

■ 576D83

■ 164C83

■ 647483

■ 094683

■ 717A83

■ 004283

■ 7F8183

■ 8C8783

■ 998E83

■ A69483

■ B39B83

Harmonies

Analogous

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



1D657C



3D6083



5B5980

Triad

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



3D6083



82504E



436547

Complementary

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



3D6083



83603D

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.



59613A



3D6083



7B543E

Square

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



3D6083



804F61



6D5B37



2A6759

Rectangle

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



3D6083



6C5578



6D5B37



4B6442

Sweetspot

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



3D6083



909DAB



3D8360



464E57



D6D6D6



575757

Same Dimension

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



3D6083



3E74AB



3D3D83



3C3F42



004182



000103

Inverse Universe

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



833D60



AB3E74



83833D



423C3F



820041



030001

Previews

White Background



This preview shows how the Hex color 3D6083 looks on a white background.

Color Contrast Check

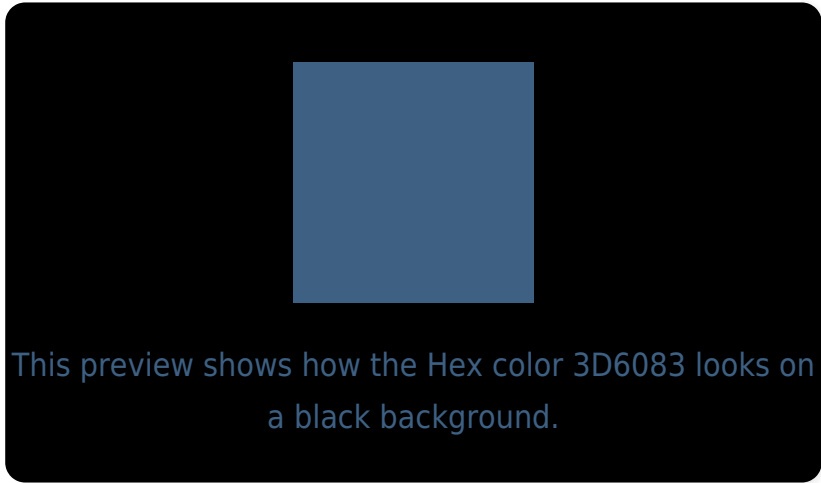
Large Text (above 18pt) WCAG AA ✓ Pass

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

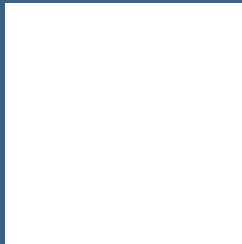
Any Text WCAG AAA × Fail

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

Hex 3D6083 Background



This preview shows how black text looks on a background with the Hex color 3D6083.




This preview shows how white text looks on a background with the Hex color 3D6083.

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
35646C

Trichromacy



Original Color
3D6083

Protanomaly
4A5D81

Deuteranomaly
485D84

Tritanomaly
386374

Monochromacy



Original Color
3D6083

Achromatopsia
5A5A5A

Achromatomaly
4F5C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6083 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 #3D6083 looks like.

```
.text, #text, p{  
    color:#3D6083  
}
```

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 #3D6083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6083
}
```

Border

The CSS property to change the border of an element to Hex 3D6083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

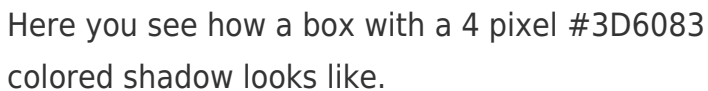
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D6083 }
```

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

```
.border{ border-color:#3D6083 }
```

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



Here you see how a box with a 4 pixel #3D6083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6083; -webkit-box-shadow:4px 4px  
4px 4px #3D6083; box-shadow:4px 4px 4px  
4px #3D6083 }
```

Background

The CSS property to change the background color of an element to Hex 3D6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6083 }
```

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

```
.background{ background-color:#3D6083 }
```

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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