

Converting Colors

Hex(00537B)

Have a look what the booklet for
Hex(00537B) contains.

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Color

Hex(00537B)

Conversions

Conversions Part 1

Format	Color
Hex	00537B
RGB	0, 83, 123
RGB Percent	0%, 33%, 48%
CMY	1.0000, 0.6745, 0.5176
CMYK	1.00, 0.33, 0.00, 0.52
HSL	200°, 100%, 24%
HSV	200°, 100%, 48%
XYZ	6.6684, 7.6166, 19.8576
YIQ	62.7430, -62.3080, -5.1560

Conversions

Conversions Part 2

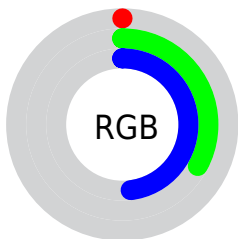
Format	Color
RYB	0, 50, 123
Decimal	21371
CIELab	33.17, -5.72, -28.64
CIElCh	33, 29.207, 258.697
Yxy	7.6166, 0.1953, 0.2231
Android (android.graphics.Color)	4278211451 (0xFF00537B)
YUV	62.7430, 29.7067, -55.0256
Hunter-Lab	27.5981, -5.1666, -23.3420

Details

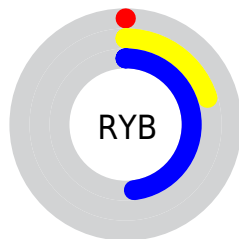
The Hex color **00537B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7B2800**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4B84B0**, and **00274A** is the 20% darker color. If you saturate the color by 10%, you get **00537B**, and if you desaturate by 10%, it is **0C577B**.

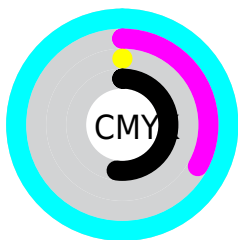
Distribution



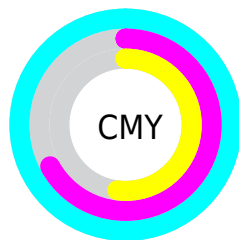
- Red (0%)
- Green (33%)
- Blue (48%)



- Red (0%)
- Yellow (20%)
- Blue (48%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00537B 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 00537B by changing the saturation by 10% instead.

 00537B

 00537B

FFFFFF

 003C62

 4B84B0

 00274A

 679ECB

 001233

 83B9E8

 00021E

 9FD5FF

 000000

 BCF1FF

 D9FFFF

 F6FFFF

 00537B

■ 0C577B

■ 195B7B

■ 255F7B

■ 31637B

■ 3E677B

■ 4A6B7B

■ 566F7B

■ 62737B

■ 6F777B

Harmonies

Analogous

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



005870



00537B



414B7A

Triad

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



00537B



793B40



33562E

Complementary

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



00537B



7B2800

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.



4D5120



00537B



73412C

Square

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



00537B



743C58



634A20



045944

Rectangle

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



00537B



594572



634A20



3C5529

Sweetspot

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



00537B



7091A1



007B27



344852



D1D1D1



525252

Same Dimension

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



00537B



006CA1



00177B



373B3D



00547D



00AAFC

Inverse Universe

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



7B0053



A1006C



7B6400



3D373B



7D0054



FC00AA

Previews

White Background



This preview shows how the Hex color 00537B looks on a white background.

Color Contrast Check

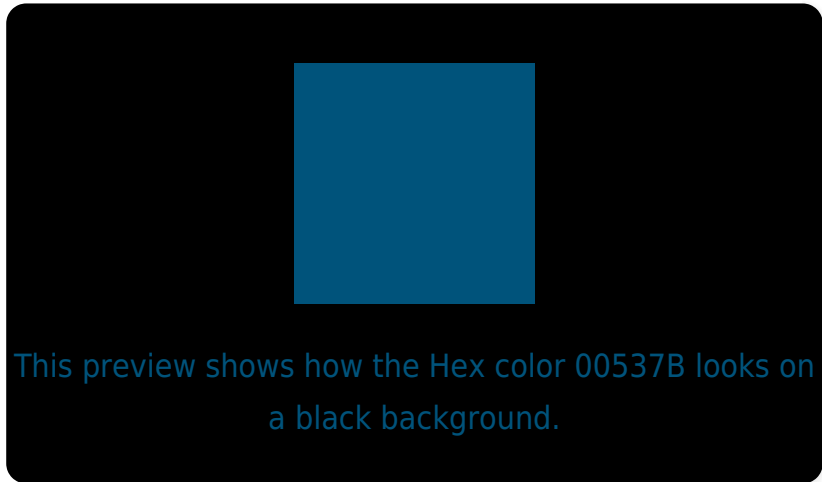
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

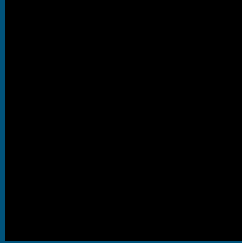
Any Text WCAG AA × Fail

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 00537B Background



This preview shows how black text looks on a background with the Hex color 00537B.



This preview shows how white text looks on a background with the Hex color 00537B.

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](#).

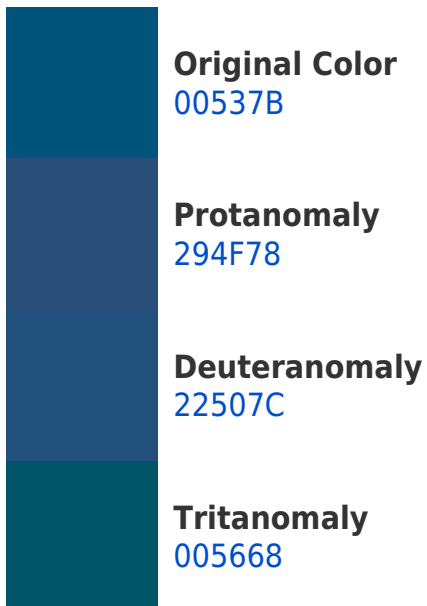
Dichromacy



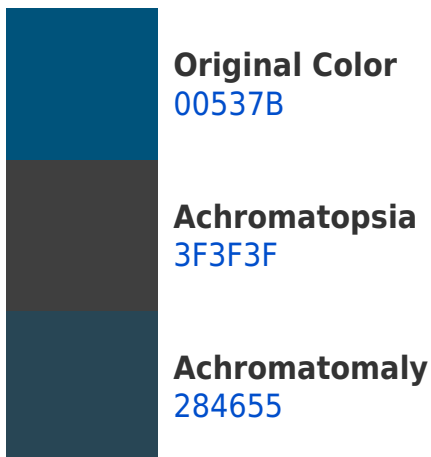


Tritanopia
00575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00537B 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 #00537B looks like.

```
.text, #text, p{  
    color:#00537B  
}
```

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 #00537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00537B
}
```

Border

The CSS property to change the border of an element to Hex 00537B 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
#00537B }
```

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

```
.border{ border-color:#00537B }
```

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

Here you see how a box with a 4 pixel #00537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00537B; -webkit-box-shadow:4px 4px  
4px 4px #00537B; box-shadow:4px 4px 4px  
4px #00537B }
```

Background

The CSS property to change the background color of an element to Hex 00537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00537B }
```

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

```
.background{ background-color:#00537B }
```

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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