

# Converting Colors

Hex(15537B)

Have a look what the booklet for  
Hex(15537B) contains.

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# Color

Hex(15537B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	15537B
RGB	21, 83, 123
RGB Percent	8%, 33%, 48%
CMY	0.9176, 0.6745, 0.5176
CMYK	0.83, 0.33, 0.00, 0.52
HSL	204°, 71%, 28%
HSV	204°, 83%, 48%
XYZ	6.9777, 7.7760, 19.8720
YIQ	69.0220, -49.7920, -0.7040

# Conversions

## Conversions Part 2

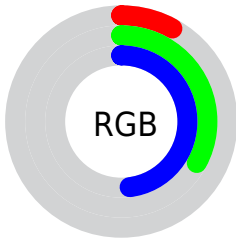
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 60, 123
Decimal	1397627
CIE <sub>Lab</sub>	33.51, -4.05, -28.08
CIE <sub>LCh</sub>	34, 28.372, 261.786
Yxy	7.7760, 0.2015, 0.2246
Android (android.graphics.Color)	4279587707 (0xFF15537B)
YUV	69.0220, 26.6112, -42.1153
Hunter-Lab	27.8855, -4.1343, -22.7320

# Details

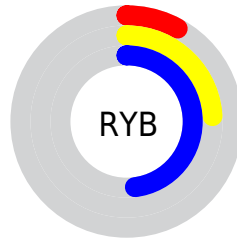
The Hex color **15537B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7B3D15**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5384B0**, and **00274A** is the 20% darker color. If you saturate the color by 10%, you get **094E7B**, and if you desaturate by 10%, it is **21587B**.

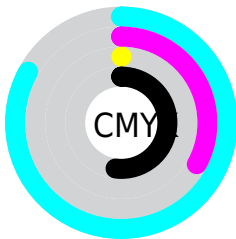
# Distribution



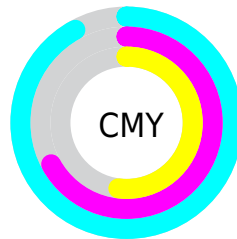
- Red (8%)
- Green (33%)
- Blue (48%)



- Red (8%)
- Yellow (24%)
- Blue (48%)



- Cyan (83%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (92%)
- Magenta (67%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15537B 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 15537B by changing the saturation by 10% instead.



■ 15537B

■ 15537B

FFFFFF

■ 003C62

■ 5384B0

■ 00274A

■ 6E9ECB

■ 001233

■ 8AB9E7

■ 00021E

■ A6D5FF

■ 000000

■ C2F1FF

■ DFFFFF

■ FFFFFFFF

■ 15537B

■ 15537B

■ 094E7B

■ 21587B

■ 004B7B

■ 2E5D7B

■ 3A617B

■ 46667B

■ 526B7B

■ 5F707B

■ 6B757B

■ 777A7B

■ 847E7B

# Harmonies

## Analogous

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



005872



15537B



474B78

# Triad

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



15537B



793D3F



325732

# Complementary

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



15537B



7B3D15

# 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.



4C5324



15537B



72432C

# Square

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



15537B



753D56



624B21



035A48

# Rectangle

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



15537B



5C4570



624B21



3B562C



# Sweetspot

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



15537B



7891A1



157B3C



394852



D1D1D1



525252



# Same Dimension

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



15537B



0062A1



15217B



373B3D



004C7D



0099FC



# Inverse Universe

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



7B1553



A10062



7B6F15



3D373B



7D004C



FC0099



# Previews

## White Background



This preview shows how the Hex color 15537B looks on a white background.

## Color Contrast Check

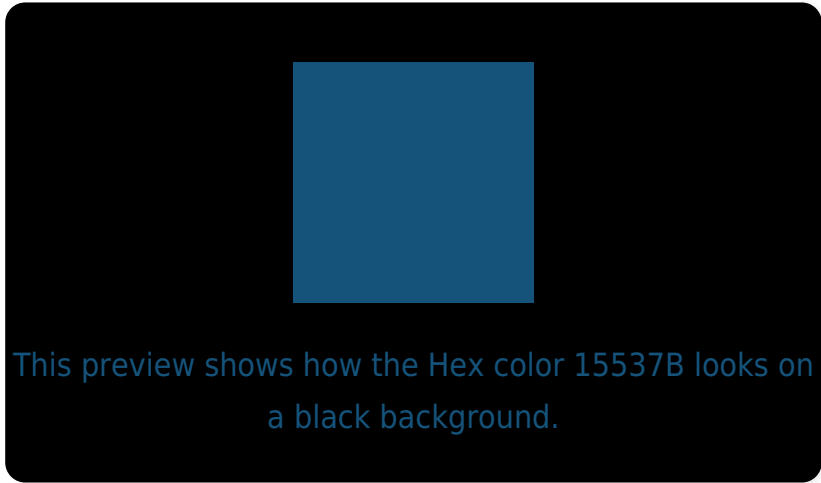
Large Text (above 18pt) WCAG AA ✓ Pass

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

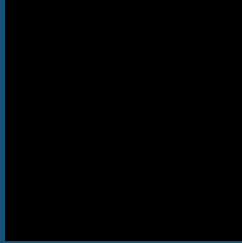
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 15537B Background



This preview shows how black text looks on a background with the Hex color 15537B.

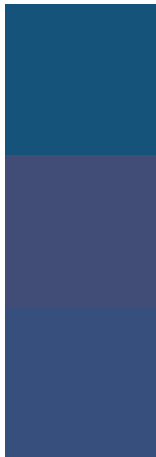


This preview shows how white text looks on a background with the Hex color 15537B.

# 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



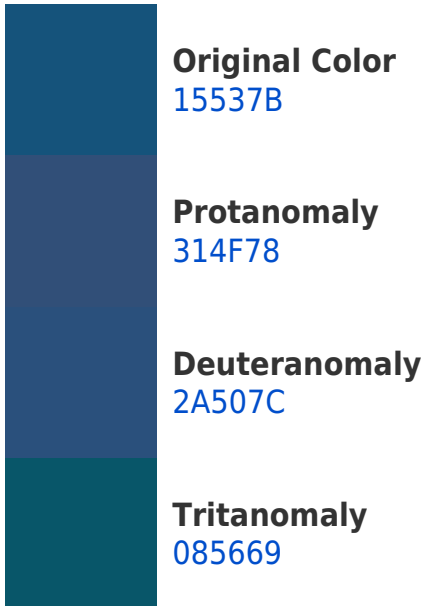
**Original Color**  
15537B

**Protanopia**  
414D76

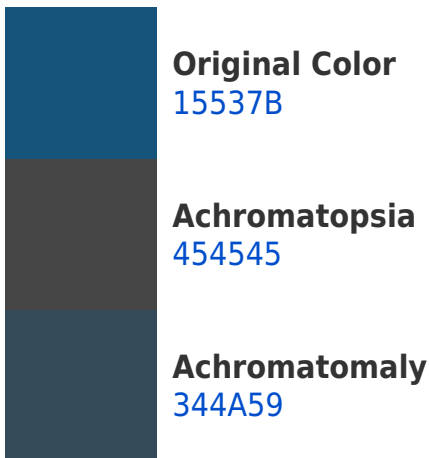
**Deuteranopia**  
364F7C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15537B 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 #15537B looks like.

```
.text, #text, p{  
    color:#15537B  
}
```

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 #15537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15537B  
}
```

## Border

The CSS property to change the border of an element to Hex 15537B 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  
#15537B }
```

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

```
.border{ border-color:#15537B }
```

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

Here you see how a box with a 4 pixel #15537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15537B; -webkit-box-shadow:4px 4px  
4px 4px #15537B; box-shadow:4px 4px 4px  
4px #15537B }
```

# Background

The CSS property to change the background color of an element to Hex 15537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15537B }
```

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

```
.background{ background-color:#15537B }
```

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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