

Converting Colors

Hex(23617D)

Have a look what the booklet for
Hex(23617D) contains.

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Color

Hex(23617D)

Conversions

Conversions Part 1

Format	Color
Hex	23617D
RGB	35, 97, 125
RGB Percent	14%, 38%, 49%
CMY	0.8627, 0.6196, 0.5098
CMYK	0.72, 0.22, 0.00, 0.51
HSL	199°, 56%, 31%
HSV	199°, 72%, 49%
XYZ	8.6695, 10.3874, 20.9501
YIQ	81.6540, -45.9400, -4.4360

Conversions

Conversions Part 2

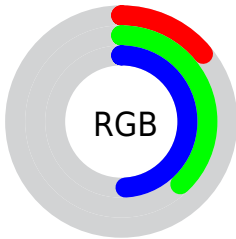
Format	Color
RYB	35, 72, 125
Decimal	2318717
CIELab	38.53, -9.97, -21.45
CIELCh	39, 23.649, 245.076
Yxy	10.3874, 0.2167, 0.2596
Android (android.graphics.Color)	4280508797 (0xFF23617D)
YUV	81.6540, 21.3696, -40.9156
Hunter-Lab	32.2295, -8.3863, -15.9796

Details

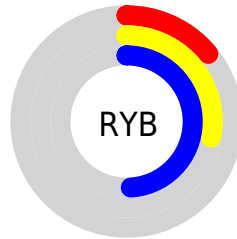
The Hex color **23617D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D3F23**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5C94B2**, and **00334C** is the 20% darker color. If you saturate the color by 10%, you get **175D7D**, and if you desaturate by 10%, it is **30657D**.

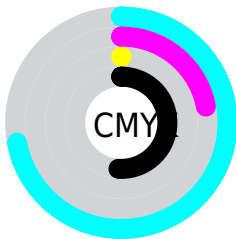
Distribution



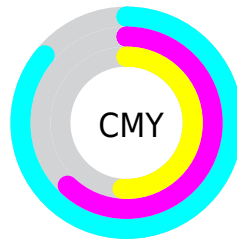
- Red (14%)
- Green (38%)
- Blue (49%)



- Red (14%)
- Yellow (28%)
- Blue (49%)



- Cyan (72%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (86%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23617D 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 23617D by changing the saturation by 10% instead.

■ 23617D

■ 23617D

FFFFFF

■ 004964

■ 5C94B2

■ 00334C

■ 77AECD

■ 001E35

■ 93CAE9

■ 000220

■ AFE6FF

■ 000004

■ CBFFFF

■ 000000

■ E8FFFF

■ 23617D

■ 23617D

■ 175D7D

■ 30657D

■ 0A597D

■ 3C697D

■ 00567D

■ 496D7D

■ 55717D

■ 62747D

■ 6E787D

■ 7A7C7D

■ 87807D

■ 93847D

Harmonies

Analogous

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



0A6470



23617D



445B81

Triad

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



23617D



7F4C58



50603B

Complementary

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



23617D



7D3F23

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.



645B34



23617D



7F4E46

Square

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



23617D



764E6B



755438



38644A

Rectangle

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



23617D



58577D



755438



575E37

Sweetspot

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



23617D



7F98A3



237D3E



3C4B52



D1D1D1



525252

Same Dimension

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



23617D



1778A3



23357D



393E40



005880



000000

Inverse Universe

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



7D2361



A31778



7D6B23



40393E



800058



000000

Previews

White Background



This preview shows how the Hex color 23617D looks on a white background.

Color Contrast Check

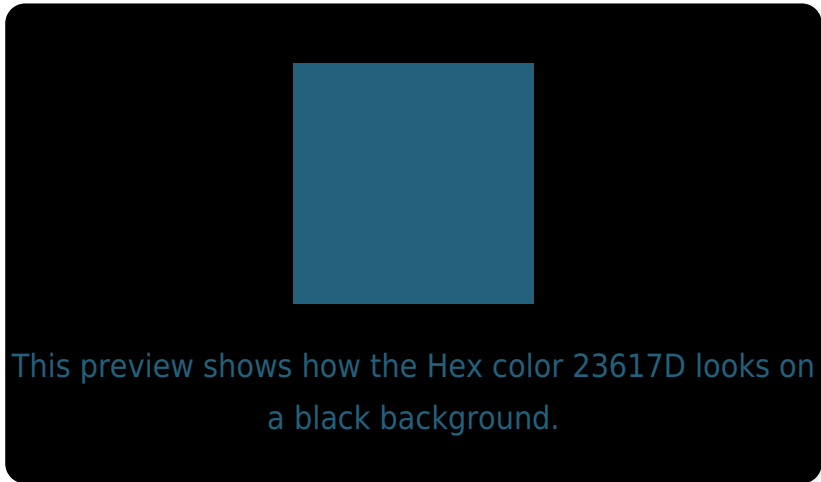
Large Text (above 18pt) WCAG AA ✓ Pass

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

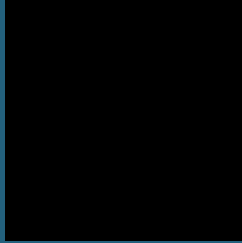
Any Text WCAG AA × Fail

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 23617D Background



This preview shows how black text looks on a background with the Hex color 23617D.

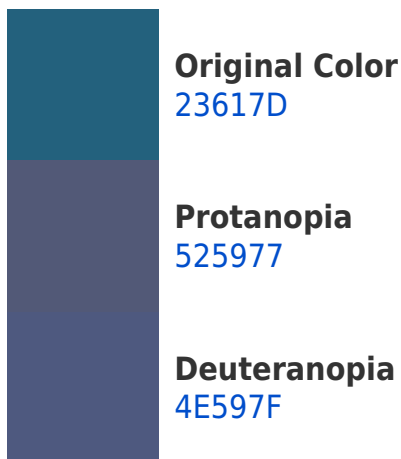



This preview shows how white text looks on a background with the Hex color 23617D.

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](#).

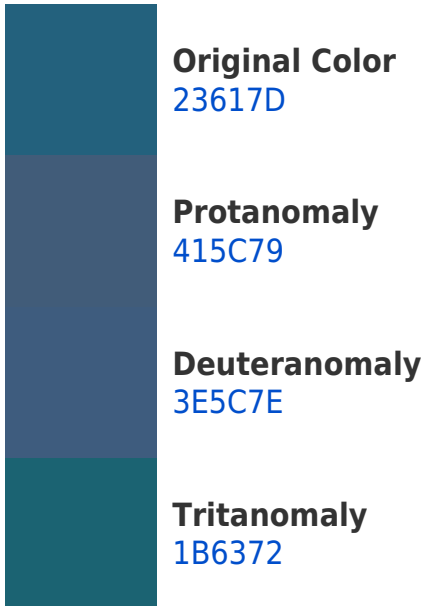
Dichromacy



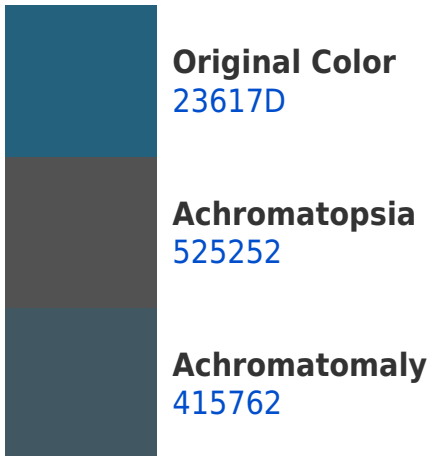


Tritanopia
16646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23617D 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 #23617D looks like.

```
.text, #text, p{  
    color:#23617D  
}
```

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 #23617D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23617D
}
```

Border

The CSS property to change the border of an element to Hex 23617D 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
#23617D }
```

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

```
.border{ border-color:#23617D }
```

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

Here you see how a box with a 4 pixel #23617D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23617D; -webkit-box-shadow:4px 4px  
4px 4px #23617D; box-shadow:4px 4px 4px  
4px #23617D }
```

Background

The CSS property to change the background color of an element to Hex 23617D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23617D }
```

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

```
.background{ background-color:#23617D }
```

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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