

Converting Colors

Hex(23637A)

Have a look what the booklet for
Hex(23637A) contains.

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Color

Hex(23637A)

Conversions

Conversions Part 1

Format	Color
Hex	23637A
RGB	35, 99, 122
RGB Percent	14%, 39%, 48%
CMY	0.8627, 0.6118, 0.5216
CMYK	0.71, 0.19, 0.00, 0.52
HSL	196°, 55%, 31%
HSV	196°, 71%, 48%
XYZ	8.6678, 10.6861, 20.0181
YIQ	82.4860, -45.5270, -6.4150

Conversions

Conversions Part 2

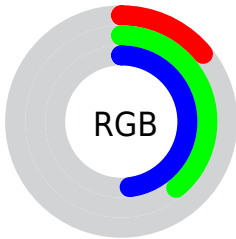
Format	Color
RYB	35, 72, 122
Decimal	2319226
CIELab	39.05, -12.21, -18.82
CIELCh	39, 22.432, 237.013
Yxy	10.6861, 0.2202, 0.2714
Android (android.graphics.Color)	4280509306 (0xFF23637A)
YUV	82.4860, 19.4804, -41.6452
Hunter-Lab	32.6897, -9.8768, -13.4246

Details

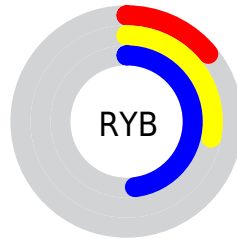
The Hex color **23637A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3A23**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5C96AE**, and **003449** is the 20% darker color. If you saturate the color by 10%, you get **17607A**, and if you desaturate by 10%, it is **2F667A**.

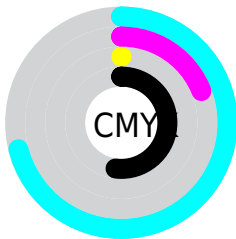
Distribution



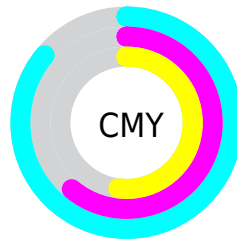
- Red (14%)
- Green (39%)
- Blue (48%)



- Red (14%)
- Yellow (28%)
- Blue (48%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (52%)



- Cyan (86%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23637A 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 23637A by changing the saturation by 10% instead.

■ 23637A

■ 23637A

FFFFFF

■ 004B61

■ 5C96AE

■ 003449

■ 77B1CA

■ 001F33

■ 92CCE6

■ 00021E

■ AEE8FF

■ 000000

■ CAFFFF

■ E7FFFF

■ 23637A

■ 23637A

■ 17607A

■ 2F667A

■ 0B5D7A

■ 3B697A

■ 005A7A

■ 486D7A

■ 54707A

■ 60737A

■ 6C767A

■ 787A7A

■ 857D7A

■ 91807A

Harmonies

Analogous

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



19656C



23637A



3F5E80

Triad

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



23637A



7E4E5F



57603B

Complementary

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



23637A



7A3A23

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.



6A5A37



23637A



7F4F4C

Square

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



23637A



715270



78543E



426448

Rectangle

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



23637A



535A7F



78543E



5E5E39

Sweetspot

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



23637A



7D959E



237A39



3B4A4F



CFCFCF



4F4F4F

Same Dimension

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



23637A



167A9E



23397A



373C3D



005C7D



00BAFC

Inverse Universe

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



7A2363



9E167A



7A6423



3D373C



7D005C



FC00BA

Previews

White Background



This preview shows how the Hex color 23637A looks on a white background.

Color Contrast Check

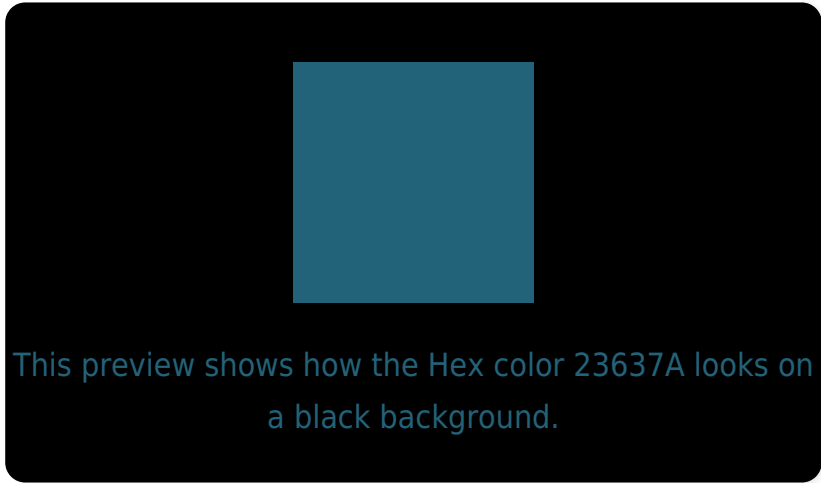
Large Text (above 18pt) WCAG AA ✓ Pass

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

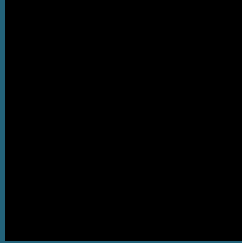
Any Text WCAG AA × Fail

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 23637A Background



This preview shows how black text looks on a background with the Hex color 23637A.



This preview shows how white text looks on a background with the Hex color 23637A.

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](#).

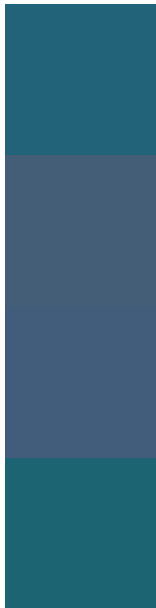
Dichromacy





Tritanopia
1A656D

Trichromacy



Original Color
23637A

Protanomaly
435E76

Deuteranomaly
415D7B

Tritanomaly
1D6472

Monochromacy



Original Color
23637A

Achromatopsia
525252

Achromatomaly
415861

CSS Examples

Text

The CSS property to change the color of the text to Hex 23637A 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 #23637A looks like.

```
.text, #text, p{  
  color:#23637A  
}
```

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 #23637A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23637A
}
```

Border

The CSS property to change the border of an element to Hex 23637A 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
#23637A }
```

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

```
.border{ border-color:#23637A }
```

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

Here you see how a box with a 4 pixel #23637A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23637A; -webkit-box-shadow:4px 4px  
4px 4px #23637A; box-shadow:4px 4px 4px  
4px #23637A }
```

Background

The CSS property to change the background color of an element to Hex 23637A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23637A }
```

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

```
.background{ background-color:#23637A }
```

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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