

Converting Colors

Hex(23677A)

Have a look what the booklet for
Hex(23677A) contains.

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Color

Hex(23677A)

Conversions

Conversions Part 1

Format	Color
Hex	23677A
RGB	35, 103, 122
RGB Percent	14%, 40%, 48%
CMY	0.8627, 0.5961, 0.5216
CMYK	0.71, 0.16, 0.00, 0.52
HSL	193°, 55%, 31%
HSV	193°, 71%, 48%
XYZ	9.0562, 11.4630, 20.1476
YIQ	84.8340, -46.6270, -8.5070

Conversions

Conversions Part 2

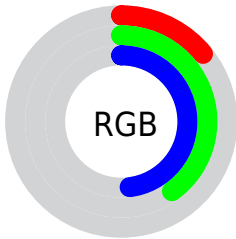
Format	Color
RYB	35, 73, 122
Decimal	2320250
CIELab	40.35, -14.52, -16.81
CIELCh	40, 22.213, 229.196
Yxy	11.4630, 0.2227, 0.2819
Android (android.graphics.Color)	4280510330 (0xFF23677A)
YUV	84.8340, 18.3228, -43.7044
Hunter-Lab	33.8570, -11.5037, -11.5824

Details

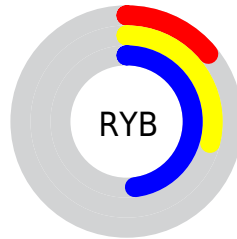
The Hex color **23677A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3623**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5C9AAE**, and **003849** is the 20% darker color. If you saturate the color by 10%, you get **17647A**, and if you desaturate by 10%, it is **2F6A7A**.

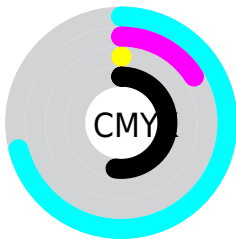
Distribution



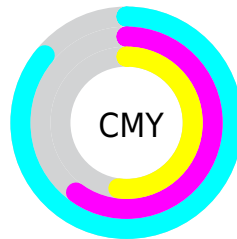
- Red (14%)
- Green (40%)
- Blue (48%)



- Red (14%)
- Yellow (29%)
- Blue (48%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (86%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23677A 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 23677A by changing the saturation by 10% instead.

■ 23677A

■ 23677A

FFFFFF

■ 004F61

■ 5C9AAE

■ 003849

■ 77B5CA

■ 002233

■ 93D1E6

■ 00041E

■ AFEDFF

■ 000000

■ CBFFFF

■ E8FFFF

■ 23677A

■ 23677A

■ 17647A

■ 2F6A7A

0B627A

3B6C7A

005F7A

486F7A

54727A

60747A

6C777A

787A7A

857C7A

917F7A

Harmonies

Analogous

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



22696A



23677A



3C6382

Triad

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



23677A



7E5266



60623C

Complementary

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



23677A



7A3623

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.



715C3C



23677A



835254

Square

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



23677A



705677



7E5644



4B6647

Rectangle

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



23677A



4F5F83



7E5644



66603B

Sweetspot

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



23677A



7D979E



237A36



3B4B4F



CFCFCF



4F4F4F

Same Dimension

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



23677A



16809E



233C7A



373C3D



00627D



00C5FC

Inverse Universe

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



7A2367



9E1680



7A6123



3D373C



7D0062



FC00C5

Previews

White Background



This preview shows how the Hex color 23677A looks on a white background.

Color Contrast Check

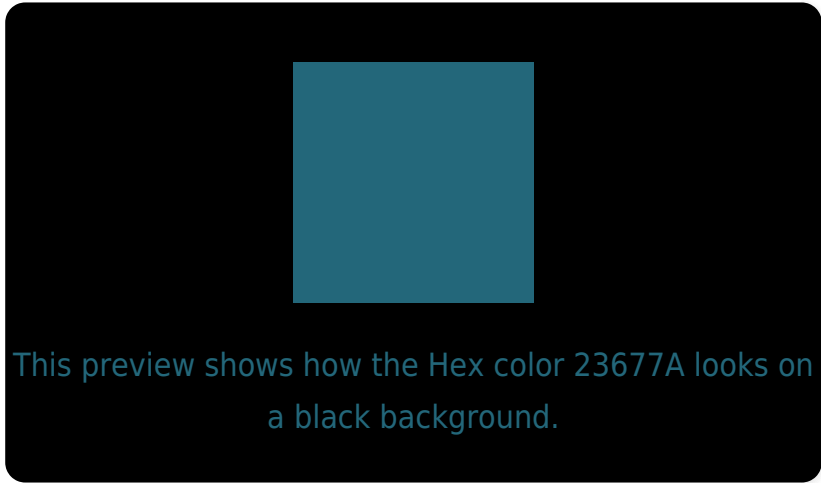
Large Text (above 18pt) WCAG AA ✓ Pass

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

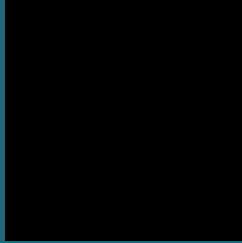
Any Text WCAG AA × Fail

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 23677A Background



This preview shows how black text looks on a background with the Hex color 23677A.

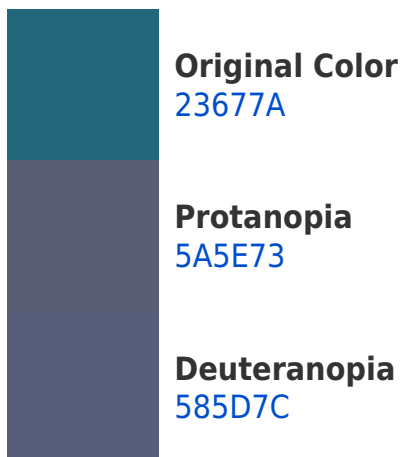



This preview shows how white text looks on a background with the Hex color 23677A.

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](#).

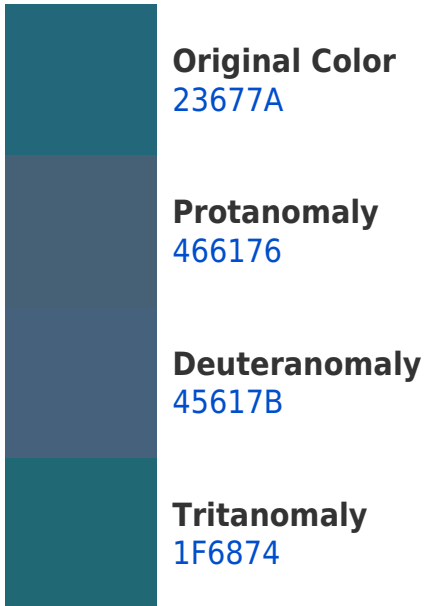
Dichromacy



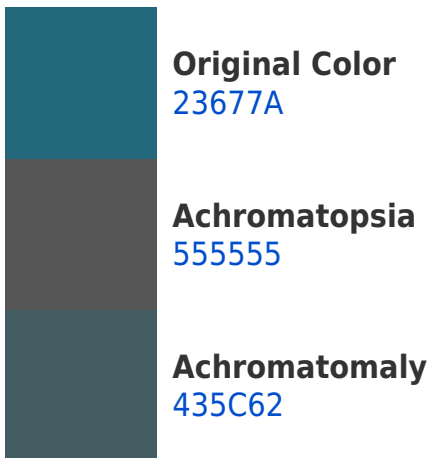


Tritanopia
1D6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23677A 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 #23677A looks like.

```
.text, #text, p{  
    color:#23677A  
}
```

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 #23677A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23677A
}
```

Border

The CSS property to change the border of an element to Hex 23677A 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
#23677A }
```

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

```
.border{ border-color:#23677A }
```

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

Here you see how a box with a 4 pixel #23677A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23677A; -webkit-box-shadow:4px 4px  
4px 4px #23677A; box-shadow:4px 4px 4px  
4px #23677A }
```

Background

The CSS property to change the background color of an element to Hex 23677A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23677A }
```

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

```
.background{ background-color:#23677A }
```

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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