

Converting Colors

Hex(23475E)

Have a look what the booklet for
Hex(23475E) contains.

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Color

Hex(23475E)

Conversions

Conversions Part 1

Format	Color
Hex	23475E
RGB	35, 71, 94
RGB Percent	14%, 28%, 37%
CMY	0.8627, 0.7216, 0.6314
CMYK	0.63, 0.24, 0.00, 0.63
HSL	203°, 46%, 25%
HSV	203°, 63%, 37%
XYZ	4.9668, 5.6720, 11.4227
YIQ	62.8580, -28.8390, -0.4790

Conversions

Conversions Part 2

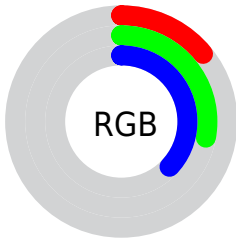
Format	Color
R _Y B	35, 57, 94
Decimal	2312030
CIE Lab	28.57, -5.18, -17.48
CIE LCh	29, 18.233, 253.502
Yxy	5.6720, 0.2251, 0.2571
Android (android.graphics.Color)	4280502110 (0xFF23475E)
YUV	62.8580, 15.3530, -24.4315
Hunter-Lab	23.8159, -4.4519, -11.7659

Details

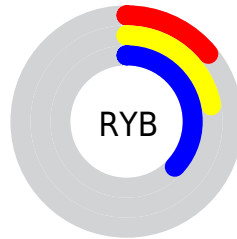
The Hex color **23475E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5E3A23**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **567790**, and **001C30** is the 20% darker color. If you saturate the color by 10%, you get **1A435E**, and if you desaturate by 10%, it is **2C4B5E**.

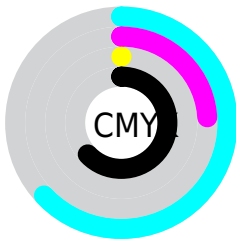
Distribution



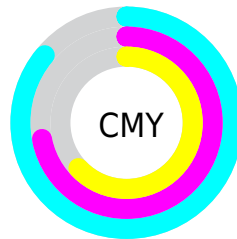
- Red (14%)
- Green (28%)
- Blue (37%)



- Red (14%)
- Yellow (22%)
- Blue (37%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23475E 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 23475E by changing the saturation by 10% instead.

■ 23475E

■ 23475E

FFFFFF

■ 053146

■ 567790

■ 001C30

■ 6F91AB

■ 00011B

■ 8AABC6

■ 000000

■ A5C7E2

■ C0E3FF

■ DDFFFF

■ F9FFFF

■ 23475E

■ 23475E

■ 1A435E

■ 2C4B5E

■ 10405E

■ 364E5E

■ 073C5E

■ 3F525E

■ 00395E

■ 49565E

■ 52595E

■ 5B5D5E

■ 65615E

■ 6E645E

■ 78685E

Harmonies

Analogous

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



104A56



23475E



3A435F

Triad

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



23475E



5F393D



37482F

Complementary

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



23475E



5E3A23

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.



474528



23475E



5C3B31

Square

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



23475E



5A3A4C



544029



264A3B

Rectangle

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



23475E



473F5B



544029



3C472C

Sweetspot

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



23475E



63717A



235E3A



2F383D



BDBDBD



3D3D3D

Same Dimension

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



23475E



1F577A



232A5E



292C2E



00436E



0091ED

Inverse Universe

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



5E2347



7A1F57



5E5723



2E292C



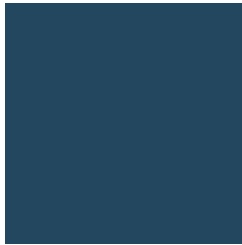
6E0043



ED0091

Previews

White Background



This preview shows how the Hex color 23475E looks on a white background.

Color Contrast Check

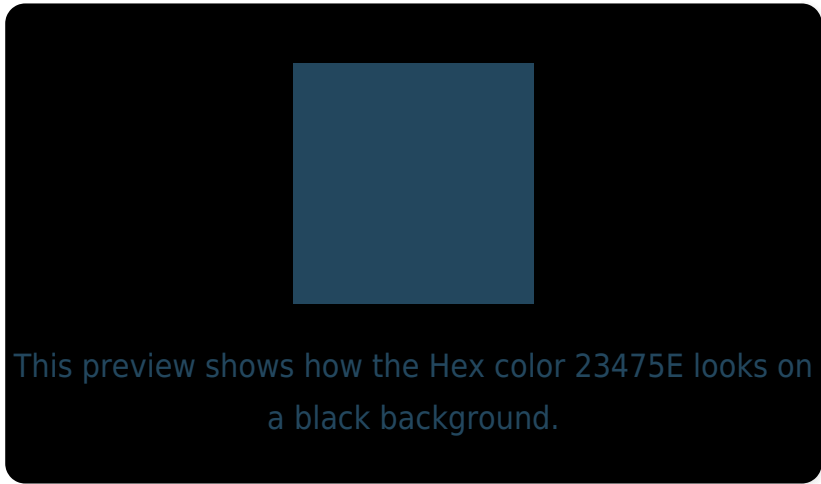
Large Text (above 18pt) WCAG AA ✓ Pass

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

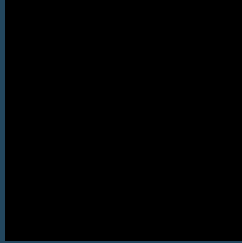
Any Text WCAG AA × Fail

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 23475E Background



This preview shows how black text looks on a background with the Hex color 23475E.



This preview shows how white text looks on a background with the Hex color 23475E.

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
23475E

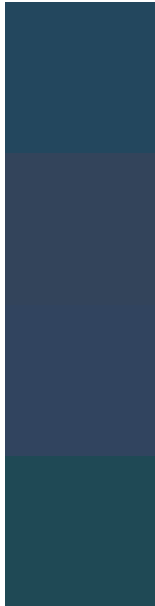
Protanopia
3C425A

Deuteranopia
39435F



Tritanopia
1C4A50

Trichromacy



Original Color
23475E

Protanomaly
33445B

Deuteranomaly
31445F

Tritanomaly
1F4955

Monochromacy



Original Color
23475E

Achromatopsia
3F3F3F

Achromatomaly
35424A

CSS Examples

Text

The CSS property to change the color of the text to Hex 23475E 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 #23475E looks like.

```
.text, #text, p{  
  color:#23475E  
}
```

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 #23475E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23475E
}
```

Border

The CSS property to change the border of an element to Hex 23475E is called "border". The border property can be set on classes, ids or directly on the HTML element.

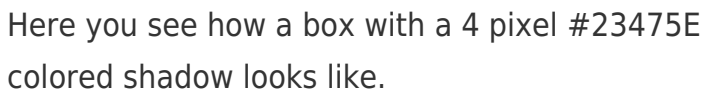
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23475E }
```

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

```
.border{ border-color:#23475E }
```

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



Here you see how a box with a 4 pixel #23475E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23475E; -webkit-box-shadow:4px 4px  
4px 4px #23475E; box-shadow:4px 4px 4px  
4px #23475E }
```

Background

The CSS property to change the background color of an element to Hex 23475E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23475E }
```

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

```
.background{ background-color:#23475E }
```

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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