

Converting Colors

Hex(023E48)

Have a look what the booklet for
Hex(023E48) contains.

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Color

Hex(023E48)

Conversions

Conversions Part 1

Format	Color
Hex	023E48
RGB	2, 62, 72
RGB Percent	1%, 24%, 28%
CMY	0.9922, 0.7569, 0.7176
CMYK	0.97, 0.14, 0.00, 0.72
HSL	189°, 95%, 15%
HSV	189°, 97%, 28%
XYZ	2.9174, 3.9260, 6.7349
YIQ	45.2000, -38.9700, -9.6100

Conversions

Conversions Part 2

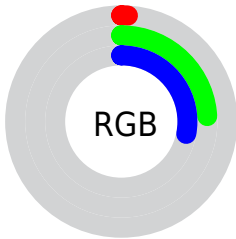
Format	Color
R_{YB}	2, 34, 72
Decimal	147016
CIE _{Lab}	23.43, -13.39, -11.12
CIE _{LCh}	23, 17.404, 219.718
Yxy	3.9260, 0.2149, 0.2891
Android (android.graphics.Color)	4278337096 (0xFF023E48)
YUV	45.2000, 13.2124, -37.8864
Hunter-Lab	19.8142, -8.3933, -6.2829

Details

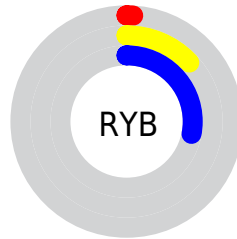
The Hex color **023E48** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **480C02**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3D6E78**, and **00151D** is the 20% darker color. If you saturate the color by 10%, you get **003E48**, and if you desaturate by 10%, it is **093F48**.

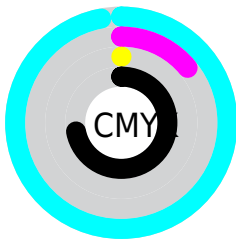
Distribution



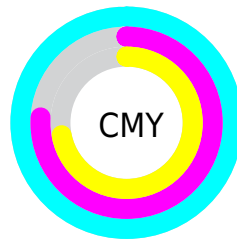
- Red (1%)
- Green (24%)
- Blue (28%)



- Red (1%)
- Yellow (13%)
- Blue (28%)



- Cyan (97%)
- Magenta (14%)
- Yellow (0%)
- Black (72%)



- Cyan (99%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023E48 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 023E48 by changing the saturation by 10% instead.

 023E48

 023E48

 FCFFFF

 002832

 3D6E78

 00151D

 568792

 000000

 70A1AD

 8BBCC8

 A6D8E4

 C2F5FF

 DFFFFF

 023E48

 023E48

■ 003E48

■ 093F48

■ 104048

■ 184148

■ 1F4248

■ 264348

■ 2D4448

■ 344548

■ 3C4648

■ 434748

Harmonies

Analogous

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



0B3F3C



023E48



153C50

Triad

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



023E48



4C2F41



3C381E

Complementary

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



023E48



480C02

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.



483420



023E48



512E34

Square

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



023E48



3F334C



4F3028



2E3C23

Rectangle

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



023E48



253952



4F3028



40371E

Sweetspot

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



023E48



435A5E



02480B



1F2E30



B0B0B0



303030

Same Dimension

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



023E48



00515E



021C48



202324



005563



00C3E3

Inverse Universe

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



48023E



5E0051



482E02



242023



630055



E300C3

Previews

White Background



This preview shows how the Hex color 023E48 looks on a white background.

Color Contrast Check

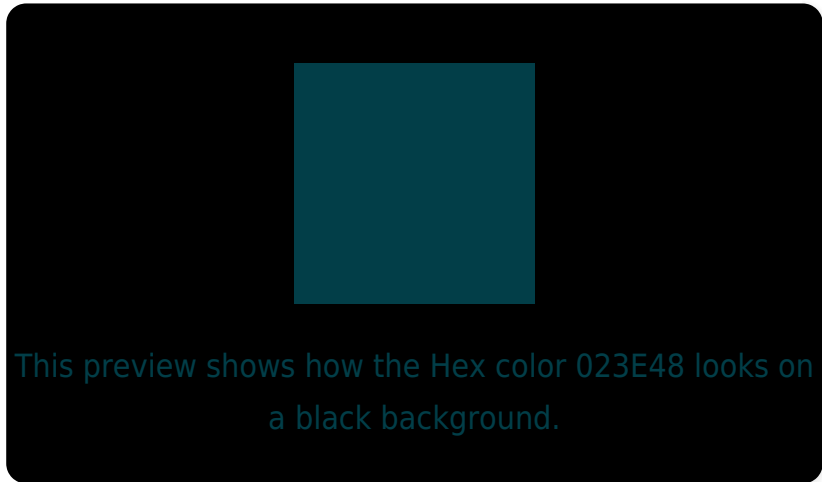
Large Text (above 18pt) WCAG AA ✓ Pass

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

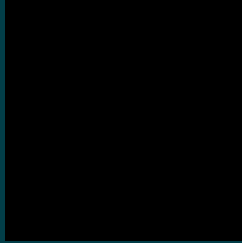
Any Text WCAG AA × Fail

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 023E48 Background



This preview shows how black text looks on a background with the Hex color 023E48.



This preview shows how white text looks on a background with the Hex color 023E48.

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
023E48

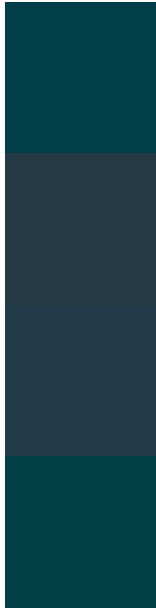
Protanopia
363844

Deuteranopia
34374A



Tritanopia
003F44

Trichromacy



Original Color
023E48

Protanomaly
233A45

Deuteranomaly
223A49

Tritanomaly
013F45

Monochromacy



Original Color
023E48

Achromatopsia
2D2D2D

Achromatomaly
1D3337

CSS Examples

Text

The CSS property to change the color of the text to Hex 023E48 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 #023E48 looks like.

```
.text, #text, p{  
    color:#023E48  
}
```

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 #023E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023E48
}
```

Border

The CSS property to change the border of an element to Hex 023E48 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
#023E48 }
```

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

```
.border{ border-color:#023E48 }
```

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

Here you see how a box with a 4 pixel #023E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023E48; -webkit-box-shadow:4px 4px  
4px 4px #023E48; box-shadow:4px 4px 4px  
4px #023E48 }
```

Background

The CSS property to change the background color of an element to Hex 023E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023E48 }
```

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

```
.background{ background-color:#023E48 }
```

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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