

# Converting Colors

Hex(023E64)

Have a look what the booklet for  
Hex(023E64) contains.

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# Color

**Hex(023E64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	023E64
RGB	2, 62, 100
RGB Percent	1%, 24%, 39%
CMY	0.9922, 0.7569, 0.6078
CMYK	0.98, 0.38, 0.00, 0.61
HSL	203°, 96%, 20%
HSV	203°, 98%, 39%
XYZ	4.0479, 4.3783, 12.6883
YIQ	48.3920, -47.9580, -0.9020

# Conversions

## Conversions Part 2

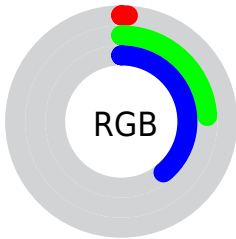
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 39, 100
Decimal	147044
CIE <sub>Lab</sub>	24.88, -1.62, -27.20
CIE <sub>LCh</sub>	25, 27.246, 266.598
Yxy	4.3783, 0.1917, 0.2074
Android (android.graphics.Color)	4278337124 (0xFF023E64)
YUV	48.3920, 25.4427, -40.6858
Hunter-Lab	20.9243, -2.0857, -21.3060

# Details

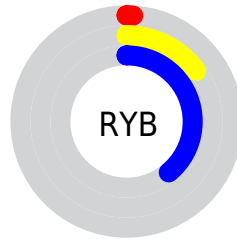
The Hex color **023E64** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **642802**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **446D97**, and **001435** is the 20% darker color. If you saturate the color by 10%, you get **003D64**, and if you desaturate by 10%, it is **0C4264**.

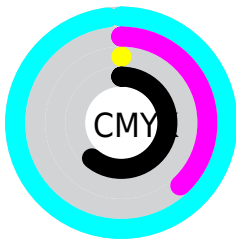
# Distribution



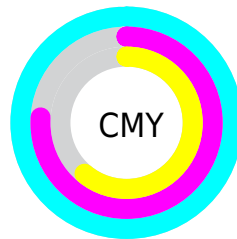
- Red (1%)
- Green (24%)
- Blue (39%)



- Red (1%)
- Yellow (15%)
- Blue (39%)



- Cyan (98%)
- Magenta (38%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (76%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 023E64 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 023E64 by changing the saturation by 10% instead.





023E64



023E64

FFFFFF



00284C



446D97



001435



5F86B2



00021F



7AA1CE



000003



95BBEA



000000



B1D7FF



CDF4FF



EAEFFF



023E64



023E64

■ 003D64

■ 0C4264

■ 164664

■ 204A64

■ 2A4E64

■ 345164

■ 3E5564

■ 485964

■ 525D64

■ 5C6164

# Harmonies

## Analogous

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



00435D



023E64



383760

# Triad

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



023E64



602B2A



1A4323

# Complementary

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



023E64



642802

# 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.



343F14



023E64



583119

# Square

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



023E64



5F293E



493910



004538

# Rectangle

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



023E64



4B3157



493910



24421E



# Sweetspot

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



023E64



5C7382



026428



2B3942



C2C2C2



424242



# Same Dimension

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



023E64



005082



020D64



2E3133



004673



0094F2



# Inverse Universe

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



64023E



820050



645902



332E31



730046



F20094



# Previews

## White Background



This preview shows how the Hex color 023E64 looks on a white background.

## Color Contrast Check

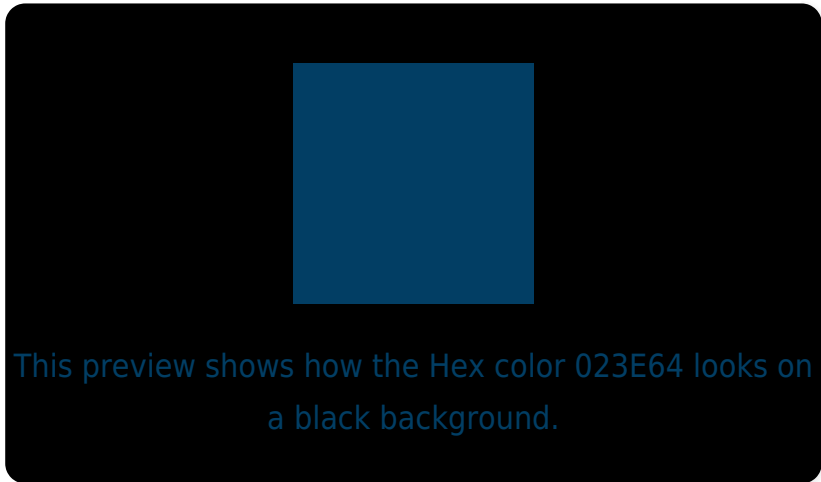
Large Text (above 18pt) WCAG AA ✓ Pass

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

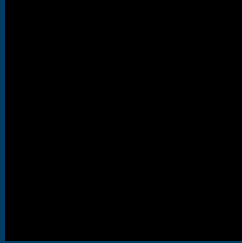
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 023E64 Background



This preview shows how black text looks on a background with the Hex color 023E64.

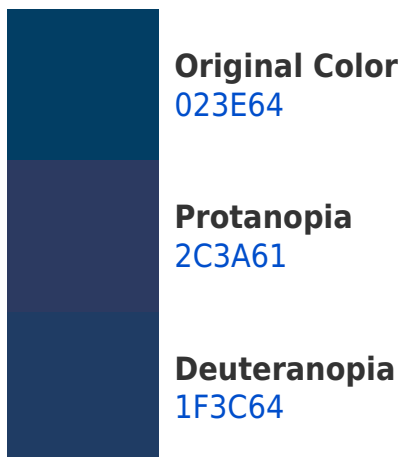


This preview shows how white text looks on a background with the Hex color 023E64.

# 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





# Trichromacy



**Original Color**  
023E64

**Protanomaly**  
1D3B62

**Deuteranomaly**  
143D64

**Tritanomaly**  
014152

# Monochromacy



**Original Color**  
023E64

**Achromatopsia**  
303030

**Achromatomaly**  
1F3543

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 023E64 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 #023E64 looks like.

```
.text, #text, p{  
    color:#023E64  
}
```

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 #023E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023E64
}
```

## Border

The CSS property to change the border of an element to Hex 023E64 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
#023E64 }
```

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

```
.border{ border-color:#023E64 }
```

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

Here you see how a box with a 4 pixel #023E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023E64; -webkit-box-shadow:4px 4px  
4px 4px #023E64; box-shadow:4px 4px 4px  
4px #023E64 }
```

# Background

The CSS property to change the background color of an element to Hex 023E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023E64 }
```

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

```
.background{ background-color:#023E64 }
```

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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