

Converting Colors

Hex(023627)

Have a look what the booklet for
Hex(023627) contains.

Hex(023627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(023627)

Conversions

Conversions Part 1

Format	Color
Hex	023627
RGB	2, 54, 39
RGB Percent	1%, 21%, 15%
CMY	0.9922, 0.7882, 0.8471
CMYK	0.96, 0.00, 0.28, 0.79
HSL	163°, 93%, 11%
HSV	163°, 96%, 21%
XYZ	1.7104, 2.7977, 2.3693
YIQ	36.7420, -26.1770, -15.6890

Conversions

Conversions Part 2

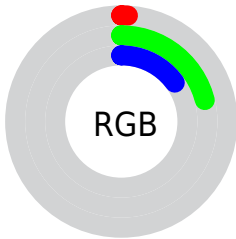
Format	Color
R_{YB}	2, 32, 54
Decimal	144935
CIE Lab	19.21, -20.76, 4.88
CIE LCh	19, 21.328, 166.776
Yxy	2.7977, 0.2487, 0.4068
Android (android.graphics.Color)	4278335015 (0xFF023627)
YUV	36.7420, 1.1132, -30.4687
Hunter-Lab	16.7264, -11.0181, 3.3099

Details

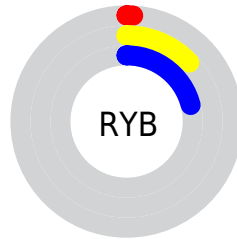
The Hex color **023627** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **360211**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **366554**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003626**, and if you desaturate by 10%, it is **073629**.

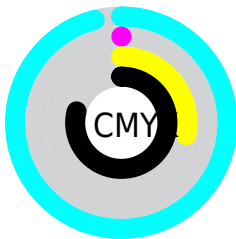
Distribution



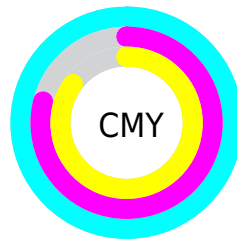
- Red (1%)
- Green (21%)
- Blue (15%)



- Red (1%)
- Yellow (13%)
- Blue (21%)



- Cyan (96%)
- Magenta (0%)
- Yellow (28%)
- Black (79%)



- Cyan (99%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023627 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 023627 by changing the saturation by 10% instead.

 023627

 023627

 F0FFFF

 002113

 366554

 000000

 4E7E6C

 689985

 82B39F

 9CCFBA

 B8EBD6

 D4FFF3

 023627

 023627

■ 003626

■ 073629

■ 0D362A

■ 12362C

■ 18362D

■ 1D362F

■ 223630

■ 283632

■ 2D3633

■ 333635

Harmonies

Analogous

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



1E3419



023627



003637

Triad

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



023627



242D4C



482619

Complementary

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



023627



360211

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.



4C2226



023627



3B2744

Square

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



023627



00324D



482236



3E2B10

Rectangle

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



023627



003641



482236



4A241D

Sweetspot

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



023627



334741



123602



172420



A3A3A3



242424

Same Dimension

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



023627



004733



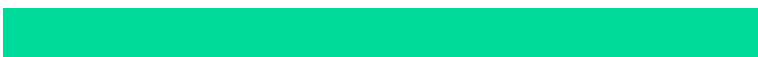
022C36



191C1B



005C41



00DB9C

Inverse Universe

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



360211



470015



360C02



1C191A



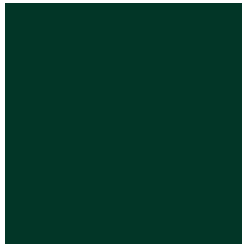
5C001A



DB003F

Previews

White Background



This preview shows how the Hex color 023627 looks on a white background.

Color Contrast Check

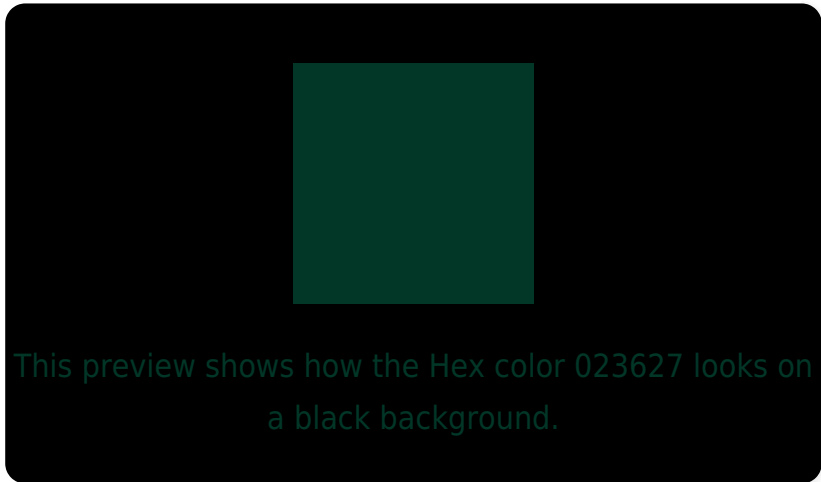
Large Text (above 18pt) WCAG AA ✓ Pass

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

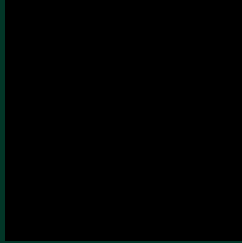
Any Text WCAG AA × Fail

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 023627 Background



This preview shows how black text looks on a background with the Hex color 023627.



This preview shows how white text looks on a background with the Hex color 023627.

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](#).

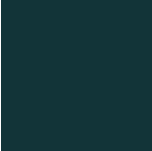
Dichromacy



Original Color
023627

Protanopia
322F24

Deuteranopia
362D29



Tritanopia
123438

Trichromacy



Original Color
023627

Protanomaly
213225

Deuteranomaly
233028

Tritanomaly
0C3532

Monochromacy



Original Color
023627

Achromatopsia
252525

Achromatomaly
182B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 023627 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 #023627 looks like.

```
.text, #text, p{  
    color:#023627  
}
```

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 #023627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023627
}
```

Border

The CSS property to change the border of an element to Hex 023627 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
#023627 }
```

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

```
.border{ border-color:#023627 }
```

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

Here you see how a box with a 4 pixel #023627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023627; -webkit-box-shadow:4px 4px  
4px 4px #023627; box-shadow:4px 4px 4px  
4px #023627 }
```

Background

The CSS property to change the background color of an element to Hex 023627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023627 }
```

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

```
.background{ background-color:#023627 }
```

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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