

Converting Colors

Hex(022727)

Have a look what the booklet for
Hex(022727) contains.

Hex(022727)	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(022727)

Conversions

Conversions Part 1

Format	Color
Hex	022727
RGB	2, 39, 39
RGB Percent	1%, 15%, 15%
CMY	0.9922, 0.8471, 0.8471
CMYK	0.95, 0.00, 0.00, 0.85
HSL	180°, 90%, 8%
HSV	180°, 95%, 15%
XYZ	1.1168, 1.6104, 2.1714
YIQ	27.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

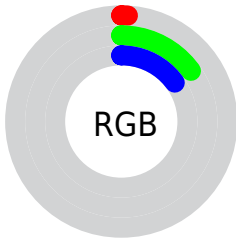
Format	Color
R_YB	2, 21, 39
Decimal	141095
CIE Lab	13.29, -12.60, -3.73
CIE LCh	13, 13.136, 196.498
Yxy	1.6104, 0.2280, 0.3288
Android (android.graphics.Color)	4278331175 (0xFF022727)
YUV	27.9370, 5.4541, -22.7467
Hunter-Lab	12.6903, -6.4997, -1.2620

Details

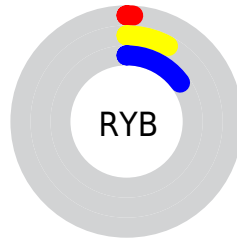
The Hex color **022727** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **270202**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **325454**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002727**, and if you desaturate by 10%, it is **062727**.

Distribution



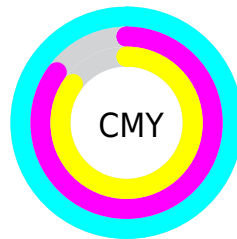
- Red (1%)
- Green (15%)
- Blue (15%)



- Red (1%)
- Yellow (8%)
- Blue (15%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (85%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 022727 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 022727 by changing the saturation by 10% instead.

■ 022727

■ 022727

■ E9FFFF

■ 001312

■ 325454

■ 000000

■ 496D6C

■ 628685

■ 7CA09F

■ 96BBBA

■ B1D7D6

■ CDF3F2

■ 022727

■ 022727

■ 002727

■ 062727

■ 0A2727

■ 0E2727

■ 122727

■ 162727

■ 192727

■ 1D2727

■ 212727

■ 252727

Harmonies

Analogous

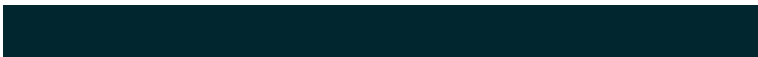
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0D271E



022727



01262F

Triad

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



022727



291E2F



2C2010

Complementary

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



022727



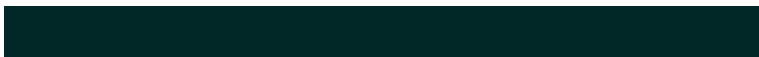
270202

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.



321D15



022727



311B27

Square

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



022727



1D2134



341B1D



232310

Rectangle

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



022727



082533



341B1D



2E1F11

Sweetspot

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



022727



253333



022702



111A1A



999999



1A1A1A

Same Dimension

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



022727



003333



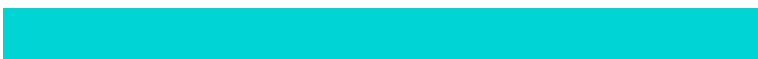
021527



121414



005454



00D4D4

Inverse Universe

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



270227



330033



271502



141214



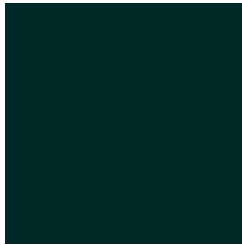
540054



D400D4

Previews

White Background



This preview shows how the Hex color 022727 looks on a white background.

Color Contrast Check

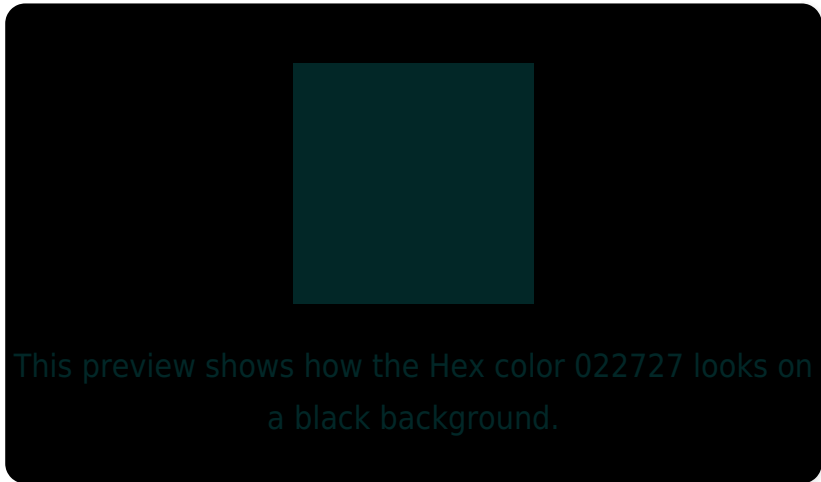
Large Text (above 18pt) WCAG AA ✓ Pass

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

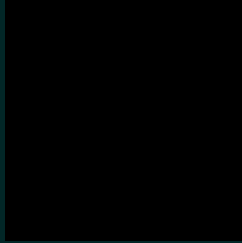
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

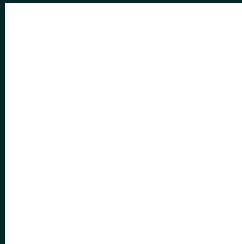
Any Text WCAG AAA × Fail

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

Hex 022727 Background



This preview shows how black text looks on a background with the Hex color 022727.



This preview shows how white text looks on a background with the Hex color 022727.

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
022727

Protanopia
232324

Deuteranopia
242228



Tritanopia
07272A

Trichromacy



Original Color
022727

Protanomaly
172425

Deuteranomaly
182428

Tritanomaly
052729

Monochromacy



Original Color
022727

Achromatopsia
1C1C1C

Achromatomaly
132020

CSS Examples

Text

The CSS property to change the color of the text to Hex 022727 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 #022727 looks like.

```
.text, #text, p{  
    color:#022727  
}
```

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 #022727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022727
}
```

Border

The CSS property to change the border of an element to Hex 022727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

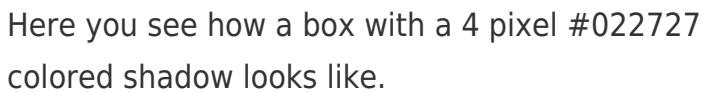
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#022727 }
```

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

```
.border{ border-color:#022727 }
```

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



Here you see how a box with a 4 pixel #022727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022727; -webkit-box-shadow:4px 4px  
4px 4px #022727; box-shadow:4px 4px 4px  
4px #022727 }
```

Background

The CSS property to change the background color of an element to Hex 022727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022727 }
```

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

```
.background{ background-color:#022727 }
```

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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