

Converting Colors

Hex(022E2A)

Have a look what the booklet for
Hex(022E2A) contains.

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Color

Hex(022E2A)

Conversions

Conversions Part 1

Format	Color
Hex	022E2A
RGB	2, 46, 42
RGB Percent	1%, 18%, 16%
CMY	0.9922, 0.8196, 0.8353
CMYK	0.96, 0.00, 0.09, 0.82
HSL	175°, 92%, 9%
HSV	175°, 96%, 18%
XYZ	1.4199, 2.1341, 2.5276
YIQ	32.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

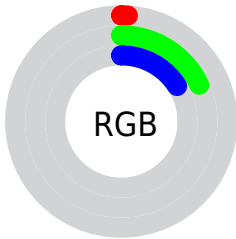
Format	Color
R_{YB}	2, 25, 46
Decimal	142890
CIE _{Lab}	16.18, -15.54, -1.58
CIE _{LCh}	16, 15.624, 185.795
Yxy	2.1341, 0.2335, 0.3509
Android (android.graphics.Color)	4278332970 (0xFF022E2A)
YUV	32.3880, 4.7387, -26.6503
Hunter-Lab	14.6084, -8.2145, -0.0325

Details

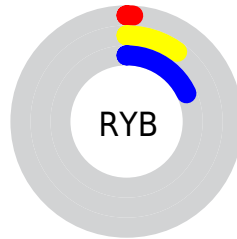
The Hex color **022E2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0206**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **345C57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002E2A**, and if you desaturate by 10%, it is **072E2A**.

Distribution



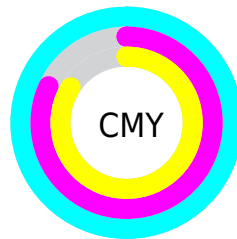
- Red (1%)
- Green (18%)
- Blue (16%)



- Red (1%)
- Yellow (10%)
- Blue (18%)



- Cyan (96%)
- Magenta (0%)
- Yellow (9%)
- Black (82%)



- Cyan (99%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022E2A 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 022E2A by changing the saturation by 10% instead.

 022E2A

 022E2A

 EDFFFF

 001A16

 345C57

 000000

 4C7570

 658F89

 7FA9A3

 99C4BE

 B4E0DA

 D0FDF6

 022E2A

 022E2A

■ 002E2A

■ 072E2A

■ 0B2E2B

■ 102E2B

■ 142E2C

■ 192E2C

■ 1E2E2D

■ 222E2D

■ 272E2D

■ 2B2E2E

Harmonies

Analogous

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



132D1F



022E2A



002E35

Triad

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



022E2A



2C243A



372414

Complementary

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



022E2A



2E0206

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.



3C211C



022E2A



382131

Square

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



022E2A



1B293E



3D1F26



2D2812

Rectangle

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



022E2A



002C3A



3D1F26



392316

Sweetspot

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



022E2A



2A3B39



062E02



141F1E



9E9E9E



1F1F1F

Same Dimension

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



022E2A



003B35



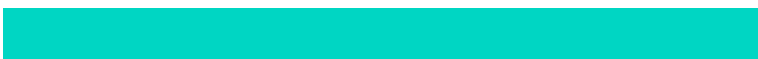
021C2E



151717



00574F



00D6C3

Inverse Universe

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



2E0206



3B0005



2E1402



171515



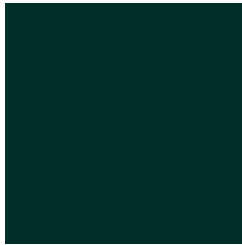
570008



D60013

Previews

White Background



This preview shows how the Hex color 022E2A looks on a white background.

Color Contrast Check

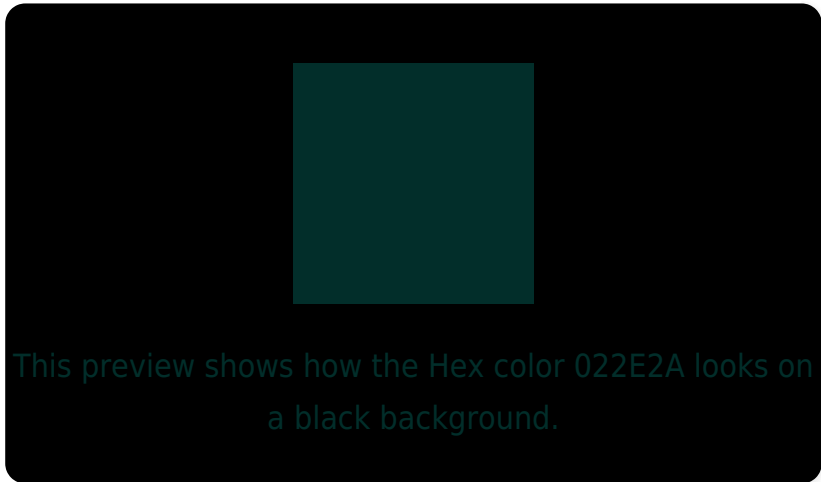
Large Text (above 18pt) WCAG AA ✓ Pass

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

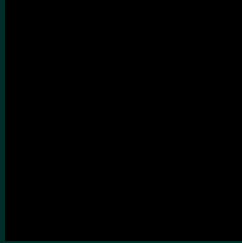
Any Text WCAG AA × Fail

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 022E2A Background



This preview shows how black text looks on a background with the Hex color 022E2A.



This preview shows how white text looks on a background with the Hex color 022E2A.

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
022E2A

Protanopia
2A2927

Deuteranopia
2B282B



Tritanopia
0B2D31

Trichromacy



Original Color
022E2A

Protanomaly
1B2B28

Deuteranomaly
1C2A2B

Tritanomaly
082D2E

Monochromacy



Original Color
022E2A

Achromatopsia
202020

Achromatomaly
152524

CSS Examples

Text

The CSS property to change the color of the text to Hex 022E2A 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 #022E2A looks like.

```
.text, #text, p{  
    color:#022E2A  
}
```

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 #022E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022E2A
}
```

Border

The CSS property to change the border of an element to Hex 022E2A 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
#022E2A }
```

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

```
.border{ border-color:#022E2A }
```

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

Here you see how a box with a 4 pixel #022E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022E2A; -webkit-box-shadow:4px 4px  
4px 4px #022E2A; box-shadow:4px 4px 4px  
4px #022E2A }
```

Background

The CSS property to change the background color of an element to Hex 022E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022E2A }
```

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

```
.background{ background-color:#022E2A }
```

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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