

Converting Colors

Hex(02225A)

Have a look what the booklet for
Hex(02225A) contains.

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Color

Hex(02225A)

Conversions

Conversions Part 1

Format	Color
Hex	02225A
RGB	2, 34, 90
RGB Percent	1%, 13%, 35%
CMY	0.9922, 0.8667, 0.6471
CMYK	0.98, 0.62, 0.00, 0.65
HSL	218°, 96%, 18%
HSV	218°, 98%, 35%
XYZ	2.4425, 1.8951, 9.9099
YIQ	30.8160, -37.0480, 10.6320

Conversions

Conversions Part 2

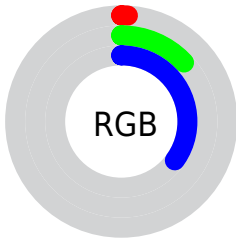
Format	Color
R_{YB}	2, 25, 90
Decimal	139866
CIE _{Lab}	14.93, 14.24, -36.64
CIE _{LCh}	15, 39.312, 291.242
Yxy	1.8951, 0.1714, 0.1330
Android (android.graphics.Color)	4278329946 (0xFF02225A)
YUV	30.8160, 29.1777, -25.2716
Hunter-Lab	13.7664, 7.5793, -33.0441

Details

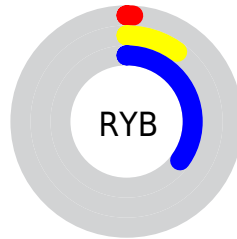
The Hex color **02225A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A3A02**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **424E8D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **00215A**, and if you desaturate by 10%, it is **0B285A**.

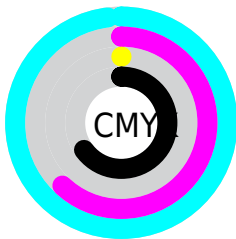
Distribution



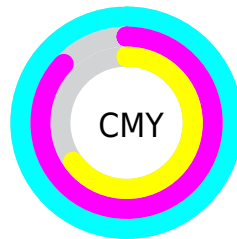
- Red (1%)
- Green (13%)
- Blue (35%)



- Red (1%)
- Yellow (10%)
- Blue (35%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (65%)



- Cyan (99%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02225A 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 02225A by changing the saturation by 10% instead.

■ 02225A

■ 02225A

FFFFFF

■ 000D42

■ 424E8D

■ 00032B

■ 5C66A7

■ 000116

■ 777EC3

■ 000000

■ 9298DF

■ ADB3FC

■ CACEFF

■ E6EBFF

■ 02225A

■ 02225A

■ 00215A

■ 0B285A

■ 142D5A

■ 1D335A

■ 26395A

■ 2F3F5A

■ 38445A

■ 414A5A

■ 4A505A

■ 53565A

Harmonies

Analogous

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



002C5D



02225A



3D1149

Triad

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



02225A



4A1300



00301C

Complementary

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



02225A



5A3A02

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.



002E00



02225A



362200

Square

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



02225A



540013



1D2A00



003139

Rectangle

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



02225A



4D0238



1D2A00



003012

Sweetspot

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



02225A



536075



025A3A



262E3B



BABABA



3B3B3B

Same Dimension

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



02225A



002B75



0E025A



292B2E



00286E



0056ED

Inverse Universe

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



5A0222



75002B



4E5A02



2E292B



6E0028



ED0056

Previews

White Background



This preview shows how the Hex color 02225A 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

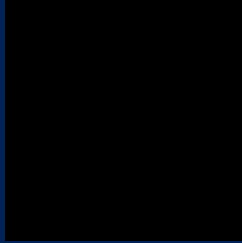
Any Text WCAG AA × Fail

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 02225A Background



This preview shows how black text looks on a background with the Hex color 02225A.



This preview shows how white text looks on a background with the Hex color 02225A.

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

02225A

Protanopia

00254F

Deuteranopia

002843



Tritanopia
002B2D

Trichromacy



Original Color
02225A

Protanomaly
012453

Deuteranomaly
01264B

Tritanomaly
01283D

Monochromacy



Original Color
02225A

Achromatopsia
1F1F1F

Achromatomaly
142034

CSS Examples

Text

The CSS property to change the color of the text to Hex 02225A 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 #02225A looks like.

```
.text, #text, p{  
    color:#02225A  
}
```

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 #02225A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02225A
}
```

Border

The CSS property to change the border of an element to Hex 02225A 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".

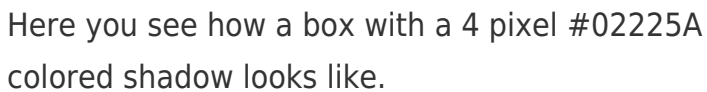
```
.border, #border, table{ border:4px solid
#02225A }
```

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

```
.border{ border-color:#02225A }
```

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

Here you see how a box with a 4 pixel #02225A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02225A; -webkit-box-shadow:4px 4px  
4px 4px #02225A; box-shadow:4px 4px 4px  
4px #02225A }
```

Background

The CSS property to change the background color of an element to Hex 02225A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02225A }
```

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

```
.background{ background-color:#02225A }
```

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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