

Converting Colors

Hex(0A2B46)

Have a look what the booklet for
Hex(0A2B46) contains.

Hex(0A2B46)	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(0A2B46)

Conversions

Conversions Part 1

Format	Color
Hex	0A2B46
RGB	10, 43, 70
RGB Percent	4%, 17%, 27%
CMY	0.9608, 0.8314, 0.7255
CMYK	0.86, 0.39, 0.00, 0.73
HSL	207°, 75%, 16%
HSV	207°, 86%, 27%
XYZ	2.0945, 2.2345, 6.1153
YIQ	36.2110, -28.3350, 1.4010

Conversions

Conversions Part 2

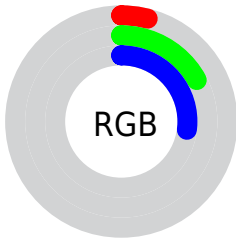
Format	Color
R_{YB}	10, 31, 70
Decimal	666438
CIE Lab	16.67, -0.65, -20.26
CIE LCh	17, 20.270, 268.163
Yxy	2.2345, 0.2005, 0.2139
Android (android.graphics.Color)	4278856518 (0xFF0A2B46)
YUV	36.2110, 16.6580, -22.9870
Hunter-Lab	14.9482, -1.1478, -13.7916

Details

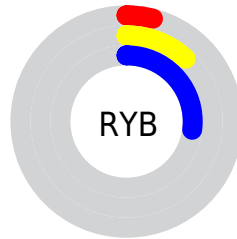
The Hex color **0A2B46** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46250A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3F5877**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **032846**, and if you desaturate by 10%, it is **112E46**.

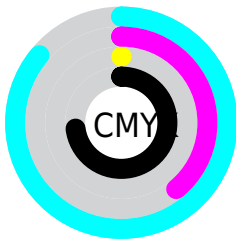
Distribution



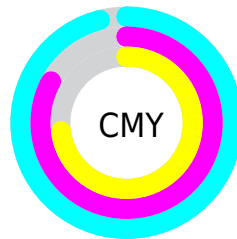
- Red (4%)
- Green (17%)
- Blue (27%)



- Red (4%)
- Yellow (12%)
- Blue (27%)



- Cyan (86%)
- Magenta (39%)
- Yellow (0%)
- Black (73%)



- Cyan (96%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2B46 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 0A2B46 by changing the saturation by 10% instead.

0A2B46

0A2B46

FBFFFF

00172F

3F5877

00011B

587090

000000

718AAB

8BA4C6

A6BFE2

C2DBFF

DEF7FF

0A2B46

0A2B46

■ 032846

■ 112E46

■ 002746

■ 183146

■ 1F3446

■ 263846

■ 2D3B46

■ 343E46

■ 3B4146

■ 424446

■ 494746

Harmonies

Analogous

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



002F41



0A2B46



292643

Triad

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



0A2B46



441E1C



112F19

Complementary

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



0A2B46



46250A

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.



242C0E



0A2B46



3D2311

Square

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



0A2B46



431D2B



32280A



003028

Rectangle

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



0A2B46



35223D



32280A



182E15

Sweetspot

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



0A2B46



44515C



0A4625



20272E



ADADAD



2E2E2E

Same Dimension

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



0A2B46



00325C



0A0D46



202224



003763



007DE3

Inverse Universe

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



460A2B



5C0032



46430A



242022



630037



E3007D

Previews

White Background



This preview shows how the Hex color 0A2B46 looks on a white background.

Color Contrast Check

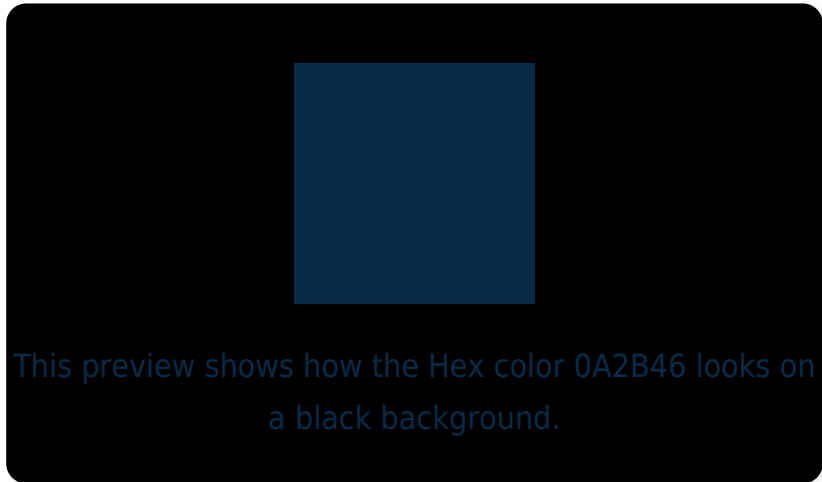
Large Text (above 18pt) WCAG AA ✓ Pass

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

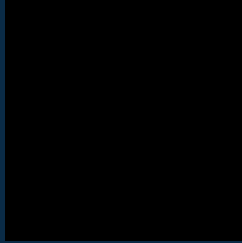
Any Text WCAG AA × Fail

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 0A2B46 Background



This preview shows how black text looks on a background with the Hex color 0A2B46.



This preview shows how white text looks on a background with the Hex color 0A2B46.

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
0A2B46

Protanopia
1F2944

Deuteranopia
152A46

Trichromacy



Original Color

0A2B46

Protanomaly

172A45

Deuteranomaly

112A46

Tritanomaly

042D39

Monochromacy



Original Color

0A2B46

Achromatopsia

242424

Achromatomaly

1B2730

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2B46 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 #0A2B46 looks like.

```
.text, #text, p{  
    color:#0A2B46  
}
```

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 #0A2B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2B46  
}
```

Border

The CSS property to change the border of an element to Hex 0A2B46 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  
#0A2B46 }
```

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

```
.border{ border-color:#0A2B46 }
```

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

Here you see how a box with a 4 pixel #0A2B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2B46; -webkit-box-shadow:4px 4px  
4px 4px #0A2B46; box-shadow:4px 4px 4px  
4px #0A2B46 }
```

Background

The CSS property to change the background color of an element to Hex 0A2B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2B46 }
```

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

```
.background{ background-color:#0A2B46 }
```

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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