

Converting Colors

Hex(0A2D5B)

Have a look what the booklet for
Hex(0A2D5B) contains.

Hex(0A2D5B)	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(0A2D5B)

Conversions

Conversions Part 1

Format	Color
Hex	0A2D5B
RGB	10, 45, 91
RGB Percent	4%, 18%, 36%
CMY	0.9608, 0.8235, 0.6431
CMYK	0.89, 0.51, 0.00, 0.64
HSL	214°, 80%, 20%
HSV	214°, 89%, 36%
XYZ	2.9519, 2.6966, 10.2625
YIQ	39.7790, -35.6260, 6.8860

Conversions

Conversions Part 2

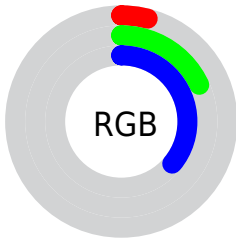
Format	Color
RYB	10, 34, 91
Decimal	666971
CIELab	18.79, 7.23, -31.04
CIElCh	19, 31.873, 283.107
Yxy	2.6966, 0.1855, 0.1695
Android (android.graphics.Color)	4278857051 (0xFF0A2D5B)
YUV	39.7790, 25.2520, -26.1162
Hunter-Lab	16.4214, 3.3494, -25.5578

Details

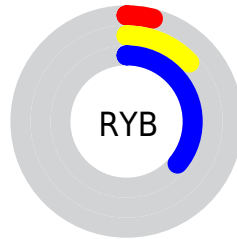
The Hex color **0A2D5B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B380A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **455A8E**, and **00022D** is the 20% darker color. If you saturate the color by 10%, you get **01285B**, and if you desaturate by 10%, it is **13325B**.

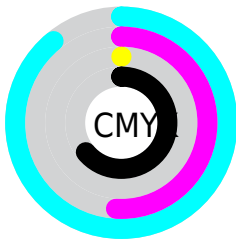
Distribution



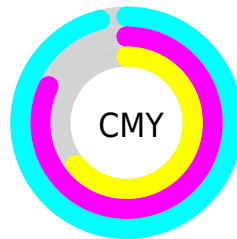
- Red (4%)
- Green (18%)
- Blue (36%)



- Red (4%)
- Yellow (13%)
- Blue (36%)



- Cyan (89%)
- Magenta (51%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2D5B 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 0A2D5B by changing the saturation by 10% instead.

■ 0A2D5B

■ 0A2D5B

FFFFFF

■ 001943

■ 455A8E

■ 00022D

■ 5F73A8

■ 000117

■ 798CC4

■ 000000

■ 94A6E0

■ B0C1FC

■ CCDDFF

■ E9FAFF

■ 0A2D5B

■ 0A2D5B

■ 01285B

■ 13325B

■ 00275B

■ 1C375B

■ 253D5B

■ 2E425B

■ 38475B

■ 414C5B

■ 4A515B

■ 53565B

■ 5C5C5B

Harmonies

Analogous

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



00345A



0A2D5B



3B2350

Triad

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



0A2D5B



511D0E



00371F

Complementary

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



0A2D5B



5B380A

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.



143507



0A2D5B



442800

Square

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



0A2D5B



571525



303000



003838

Rectangle

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



0A2D5B



4B1B43



303000



003718

Sweetspot

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



0A2D5B



566375



0A5B38



28303B



BABABA



3B3B3B

Same Dimension

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



0A2D5B



003375



0F0A5B



292B2E



002F6E



0066ED

Inverse Universe

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



5B0A2D



750033



565B0A



2E292B



6E002F



ED0066

Previews

White Background



This preview shows how the Hex color 0A2D5B looks on a white background.

Color Contrast Check

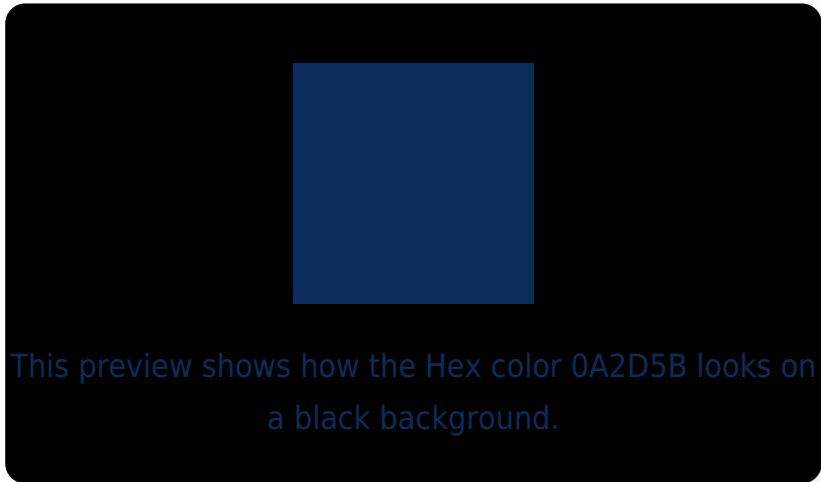
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A2D5B Background



This preview shows how black text looks on a background with the Hex color 0A2D5B.



This preview shows how white text looks on a background with the Hex color 0A2D5B.

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
0A2D5B

Protanopia
122D5A

Deuteranopia
002F52

Trichromacy



Original Color
0A2D5B

Protanomaly
0F2D5A

Deuteranomaly
042E55

Tritanomaly
043144

Monochromacy



Original Color
0A2D5B

Achromatopsia
282828

Achromatomaly
1D2A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2D5B 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 #0A2D5B looks like.

```
.text, #text, p{  
    color:#0A2D5B  
}
```

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 #0A2D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2D5B
}
```

Border

The CSS property to change the border of an element to Hex 0A2D5B 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
#0A2D5B }
```

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

```
.border{ border-color:#0A2D5B }
```

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

Here you see how a box with a 4 pixel #0A2D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2D5B; -webkit-box-shadow:4px 4px  
4px 4px #0A2D5B; box-shadow:4px 4px 4px  
4px #0A2D5B }
```

Background

The CSS property to change the background color of an element to Hex 0A2D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2D5B }
```

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

```
.background{ background-color:#0A2D5B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor