

Converting Colors

Hex(0A2D6C)

Have a look what the booklet for
Hex(0A2D6C) contains.

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Color

Hex(0A2D6C)

Conversions

Conversions Part 1

Format	Color
Hex	0A2D6C
RGB	10, 45, 108
RGB Percent	4%, 18%, 42%
CMY	0.9608, 0.8235, 0.5765
CMYK	0.91, 0.58, 0.00, 0.58
HSL	219°, 83%, 23%
HSV	219°, 91%, 42%
XYZ	3.7703, 3.0240, 14.5723
YIQ	41.7170, -41.0830, 12.1730

Conversions

Conversions Part 2

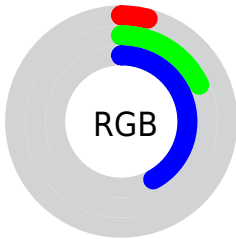
Format	Color
R_{YB}	10, 36, 108
Decimal	666988
CIE _{Lab}	20.14, 14.75, -39.99
CIE _{LCh}	20, 42.625, 290.243
Yxy	3.0240, 0.1765, 0.1415
Android (android.graphics.Color)	4278857068 (0xFF0A2D6C)
YUV	41.7170, 32.6775, -27.8158
Hunter-Lab	17.3897, 8.2694, -37.5115

Details

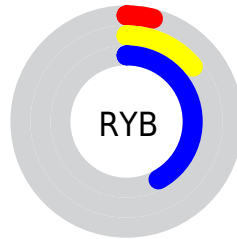
The Hex color **0A2D6C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C490A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4A5AA0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **00276C**, and if you desaturate by 10%, it is **15346C**.

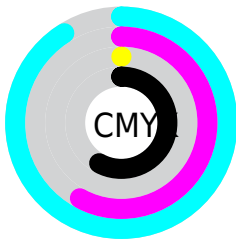
Distribution



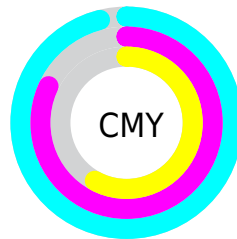
- Red (4%)
- Green (18%)
- Blue (42%)



- Red (4%)
- Yellow (14%)
- Blue (42%)



- Cyan (91%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2D6C 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 0A2D6C by changing the saturation by 10% instead.

■ 0A2D6C

■ 0A2D6C

FFFFFF

■ 001953

■ 4A5AA0

■ 00003C

■ 6572BB

■ 000225

■ 818CD7

■ 00010E

■ 9CA6F4

■ 000000

■ B8C1FF

■ D5DDFF

■ F2FAFF

■ 0A2D6C

■ 0A2D6C

■ 00276C

■ 15346C

■ 203B6C

■ 2A426C

■ 35496C

■ 40506C

■ 4B576C

■ 565E6C

■ 60656C

■ 6B6B6C

Harmonies

Analogous

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



00386F



0A2D6C



4B1C59

Triad

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



0A2D6C



5B1C00



003D25

Complementary

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



0A2D6C



6C490A

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.



003B00



0A2D6C



452C00

Square

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



0A2D6C



65071D



293500



003E45

Rectangle

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



0A2D6C



5C0D46



293500



003D1A

Sweetspot

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



0A2D6C



66748C



0A6C48



313947



C7C7C7



474747

Same Dimension

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



0A2D6C



00328C



170A6C



303236



002A75



0057F5

Inverse Universe

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



6C0A2D



8C0032



5F6C0A



363032



75002A



F50057

Previews

White Background



This preview shows how the Hex color 0A2D6C looks on a white background.

Color Contrast Check

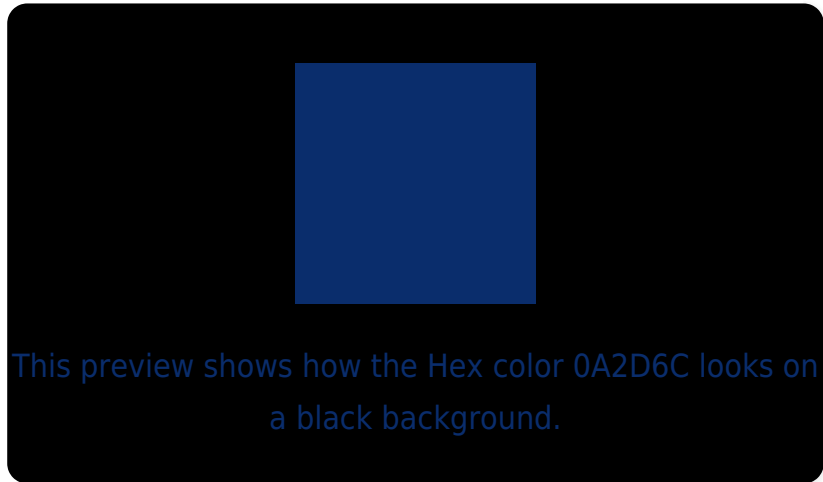
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A2D6C Background



This preview shows how black text looks on a background with the Hex color 0A2D6C.



This preview shows how white text looks on a background with the Hex color 0A2D6C.

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

0A2D6C

Protanopia

002F64

Deuteranopia

003256

Trichromacy



Original Color

0A2D6C

Protanomaly

042E67

Deuteranomaly

04305E

Tritanomaly

04334C

Monochromacy



Original Color

0A2D6C

Achromatopsia

2A2A2A

Achromatomaly

1E2B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2D6C 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 #0A2D6C looks like.

```
.text, #text, p{  
    color:#0A2D6C  
}
```

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 #0A2D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2D6C
}
```

Border

The CSS property to change the border of an element to Hex 0A2D6C 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
#0A2D6C }
```

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

```
.border{ border-color:#0A2D6C }
```

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

Here you see how a box with a 4 pixel #0A2D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2D6C; -webkit-box-shadow:4px 4px  
4px 4px #0A2D6C; box-shadow:4px 4px 4px  
4px #0A2D6C }
```

Background

The CSS property to change the background color of an element to Hex 0A2D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2D6C }
```

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

```
.background{ background-color:#0A2D6C }
```

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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