

Converting Colors

Hex(0A2045)

Have a look what the booklet for
Hex(0A2045) contains.

Hex(0A2045)	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(0A2045)

Conversions

Conversions Part 1

Format	Color
Hex	0A2045
RGB	10, 32, 69
RGB Percent	4%, 13%, 27%
CMY	0.9608, 0.8745, 0.7294
CMYK	0.86, 0.54, 0.00, 0.73
HSL	218°, 75%, 15%
HSV	218°, 86%, 27%
XYZ	1.7159, 1.5272, 5.8346
YIQ	29.6400, -24.9890, 6.8430

Conversions

Conversions Part 2

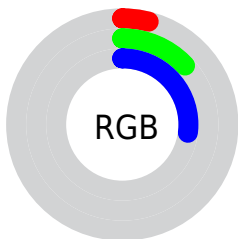
Format	Color
R_YB	10, 26, 69
Decimal	663621
CIE Lab	12.78, 7.11, -25.78
CIE LCh	13, 26.744, 285.424
Yxy	1.5272, 0.1890, 0.1682
Android (android.graphics.Color)	4278853701 (0xFF0A2045)
YUV	29.6400, 19.4045, -17.2243
Hunter-Lab	12.3581, 3.1572, -19.3417

Details

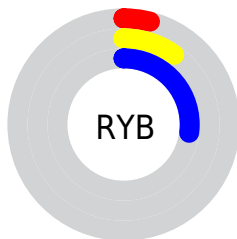
The Hex color **0A2045** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **452F0A**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3E4C76**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **031C45**, and if you desaturate by 10%, it is **112445**.

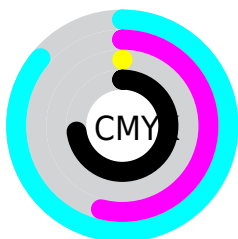
Distribution



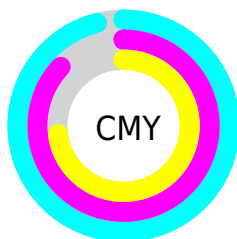
- Red (4%)
- Green (13%)
- Blue (27%)



- Red (4%)
- Yellow (10%)
- Blue (27%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (73%)



- Cyan (96%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2045 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 0A2045 by changing the saturation by 10% instead.

0A2045

0A2045

FBFFFF

00082F

3E4C76

000119

57638F

000000

717CAA

8B96C5

A6B1E1

C2CCFE

DEE8FF

0A2045

0A2045

■ 031C45

■ 112445

■ 001A45

■ 182945

■ 1F2D45

■ 263145

■ 2D3645

■ 333A45

■ 3A3E45

■ 414345

■ 484745

Harmonies

Analogous

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



002645



0A2045



2E183B

Triad

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



0A2045



3D1501



002917

Complementary

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



0A2045



452F0A

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.



0D2700



0A2045



321D00

Square

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



0A2045



420E18



222300



002A2A

Rectangle

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



0A2045



3A1231



222300



002810

Sweetspot

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



0A2045



424B59



0A452E



20252E



ADADAD



2E2E2E

Same Dimension

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



0A2045



002159



110A45



202124



002563



0055E3

Inverse Universe

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



450A20



590021



3E450A



242021



630025



E30055

Previews

White Background



This preview shows how the Hex color 0A2045 looks on a white background.

Color Contrast Check

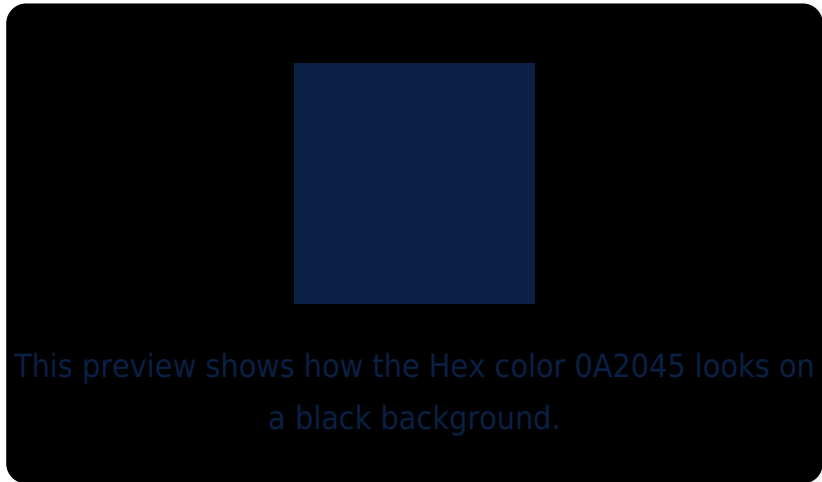
Large Text (above 18pt) WCAG AA ✓ Pass

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

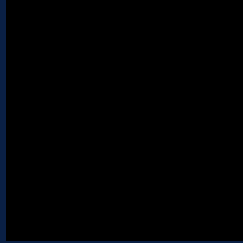
Any Text WCAG AA × Fail

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 0A2045 Background



This preview shows how black text looks on a background with the Hex color 0A2045.



This preview shows how white text looks on a background with the Hex color 0A2045.

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

0A2045

Protanopia

002045

Deuteranopia

00223C

Trichromacy



Original Color
0A2045

Protanomaly
042045

Deuteranomaly
04213F

Tritanomaly
042333

Monochromacy



Original Color
0A2045

Achromatopsia
1E1E1E

Achromatomaly
171F2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2045 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 #0A2045 looks like.

```
.text, #text, p{  
    color:#0A2045  
}
```

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 #0A2045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2045  
}
```

Border

The CSS property to change the border of an element to Hex 0A2045 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  
#0A2045 }
```

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

```
.border{ border-color:#0A2045 }
```

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

Here you see how a box with a 4 pixel #0A2045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2045; -webkit-box-shadow:4px 4px  
4px 4px #0A2045; box-shadow:4px 4px 4px  
4px #0A2045 }
```

Background

The CSS property to change the background color of an element to Hex 0A2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2045 }
```

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

```
.background{ background-color:#0A2045 }
```

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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