

Converting Colors

Hex(0A345C)

Have a look what the booklet for
Hex(0A345C) contains.

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Color

Hex(0A345C)

Conversions

Conversions Part 1

Format	Color
Hex	0A345C
RGB	10, 52, 92
RGB Percent	4%, 20%, 36%
CMY	0.9608, 0.7961, 0.6392
CMYK	0.89, 0.43, 0.00, 0.64
HSL	209°, 80%, 20%
HSV	209°, 89%, 36%
XYZ	3.2849, 3.2932, 10.5877
YIQ	44.0020, -37.8720, 3.5360

Conversions

Conversions Part 2

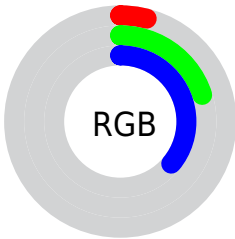
Format	Color
R_{YB}	10, 38, 92
Decimal	668764
CIE Lab	21.18, 2.60, -27.86
CIE LCh	21, 27.984, 275.331
Yxy	3.2932, 0.1914, 0.1918
Android (android.graphics.Color)	4278858844 (0xFF0A345C)
YUV	44.0020, 23.6630, -29.8198
Hunter-Lab	18.1472, 0.5536, -21.8888

Details

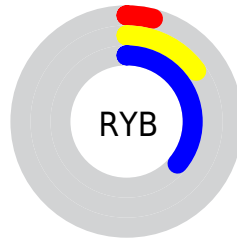
The Hex color **0A345C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C320A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **45628F**, and **00062E** is the 20% darker color. If you saturate the color by 10%, you get **01305C**, and if you desaturate by 10%, it is **13385C**.

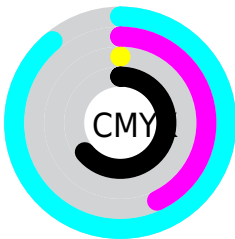
Distribution



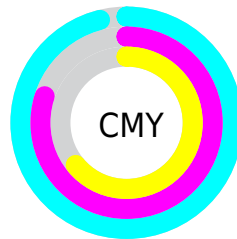
- Red (4%)
- Green (20%)
- Blue (36%)



- Red (4%)
- Yellow (15%)
- Blue (36%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A345C 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 0A345C by changing the saturation by 10% instead.

■ 0A345C

■ 0A345C

FFFFFF

■ 001F44

■ 45628F

■ 00062E

■ 5F7BA9

■ 000118

■ 7A95C5

■ 000000

■ 95AFE1

■ B0CAFD

■ CCE7FF

■ E9FFFF

■ 0A345C

■ 0A345C

■ 01305C

■ 13385C

■ 002F5C

■ 1C3D5C

■ 26415C

■ 2F465C

■ 384A5C

■ 414F5C

■ 4A535C

■ 54585C

■ 5D5C5C

Harmonies

Analogous

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



003A58



0A345C



382C55

Triad

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



0A345C



56231C



003C21

Complementary

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



0A345C



5C320A

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.



25380F



0A345C



4B2B0C

Square

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



0A345C



581F30



3A3304



003D36

Rectangle

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



0A345C



49264B



3A3304



113B1A

Sweetspot

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



0A345C



576878



0A5C32



2A343D



BDBDBD



3D3D3D

Same Dimension

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



0A345C



003D78



0A0B5C



292C2E



00386E



0079ED

Inverse Universe

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



5C0A34



78003D



5C5B0A



2E292C



6E0038



ED0079

Previews

White Background



This preview shows how the Hex color 0A345C looks on a white background.

Color Contrast Check

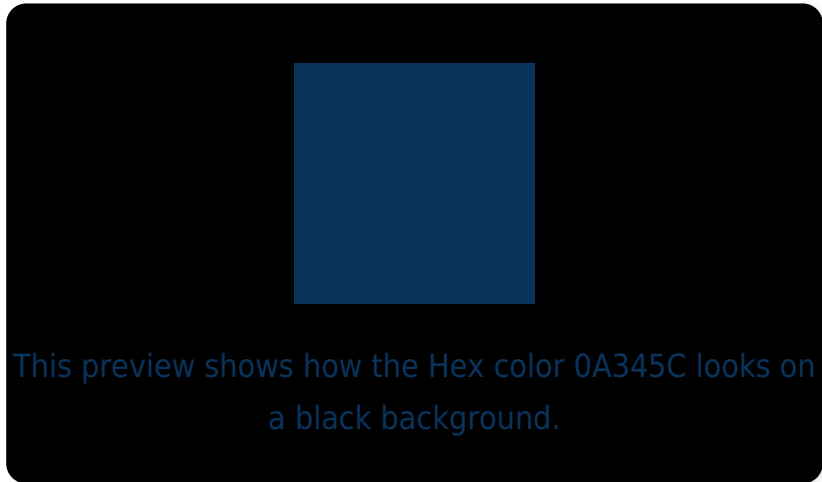
Large Text (above 18pt) WCAG AA ✓ Pass

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

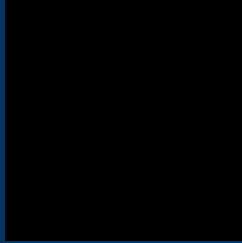
Any Text WCAG AA × Fail

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 0A345C Background



This preview shows how black text looks on a background with the Hex color 0A345C.



This preview shows how white text looks on a background with the Hex color 0A345C.

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
0A345C

Protanopia
21325A

Deuteranopia
08345C



Tritanopia
00393D

Trichromacy



Original Color
0A345C

Protanomaly
19335B

Deuteranomaly
09345C

Tritanomaly
043748

Monochromacy



Original Color
0A345C

Achromatopsia
2C2C2C

Achromatomaly
202F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A345C 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 #0A345C looks like.

```
.text, #text, p{  
    color:#0A345C  
}
```

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 #0A345C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A345C
}
```

Border

The CSS property to change the border of an element to Hex 0A345C is called "border". The border property can be set on classes, ids or directly on the HTML element.

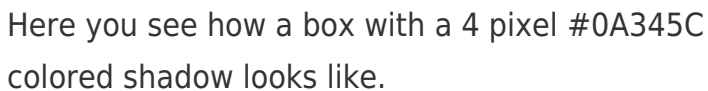
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A345C }
```

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

```
.border{ border-color:#0A345C }
```

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



Here you see how a box with a 4 pixel #0A345C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A345C; -webkit-box-shadow:4px 4px  
4px 4px #0A345C; box-shadow:4px 4px 4px  
4px #0A345C }
```

Background

The CSS property to change the background color of an element to Hex 0A345C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A345C }
```

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

```
.background{ background-color:#0A345C }
```

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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