

Converting Colors

Hex(0A342F)

Have a look what the booklet for
Hex(0A342F) contains.

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Color

Hex(0A342F)

Conversions

Conversions Part 1

Format	Color
Hex	0A342F
RGB	10, 52, 47
RGB Percent	4%, 20%, 18%
CMY	0.9608, 0.7961, 0.8157
CMYK	0.81, 0.00, 0.10, 0.80
HSL	173°, 68%, 12%
HSV	173°, 81%, 20%
XYZ	1.8663, 2.7257, 3.1171
YIQ	38.8720, -23.4270, -10.4590

Conversions

Conversions Part 2

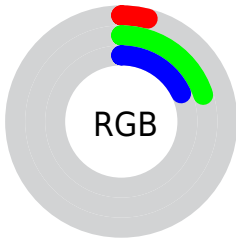
Format	Color
R_{YB}	10, 32, 52
Decimal	668719
CIE _{Lab}	18.91, -15.58, -0.99
CIE _{LCh}	19, 15.617, 183.643
Yxy	2.7257, 0.2421, 0.3536
Android (android.graphics.Color)	4278858799 (0xFF0A342F)
YUV	38.8720, 4.0071, -25.3207
Hunter-Lab	16.5098, -8.7148, 0.3628

Details

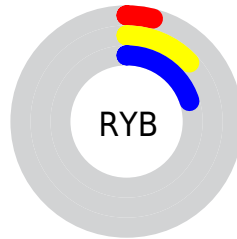
The Hex color **0A342F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **340A0F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3B635D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **05342E**, and if you desaturate by 10%, it is **0F3430**.

Distribution



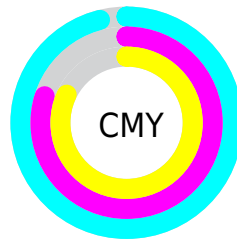
- Red (4%)
- Green (20%)
- Blue (18%)



- Red (4%)
- Yellow (13%)
- Blue (20%)



- Cyan (81%)
- Magenta (0%)
- Yellow (10%)
- Black (80%)



- Cyan (96%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A342F 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 0A342F by changing the saturation by 10% instead.

0A342F

0A342F

F5FFFF

001F1A

3B635D

000000

537C75

6D968F

86B0A9

A1CCC5

BCE8E1

D9FFFD

0A342F

0A342F

■ 05342E

■ 0F3430

■ 00342E

■ 143430

■ 1A3431

■ 1F3431

■ 243432

■ 293433

■ 2E3433

■ 343434

■ 393435

Harmonies

Analogous

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



1A3324



0A342F



00343A

Triad

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



0A342F



312B41



3E2A1A

Complementary

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



0A342F



340A0F

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.



432622



0A342F



3D2738

Square

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



0A342F



202F44



43252D



342E17

Rectangle

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



0A342F



043340



43252D



40291C

Sweetspot

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



0A342F



344543



10340A



192422



A3A3A3



242424

Same Dimension

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



0A342F



02453D



0A2534



171A19



00594F



00D9BF

Inverse Universe

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



340A0F



45020A



34190A



1A1717



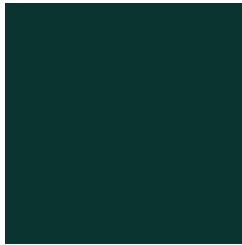
59000B



D9001A

Previews

White Background



This preview shows how the Hex color 0A342F 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

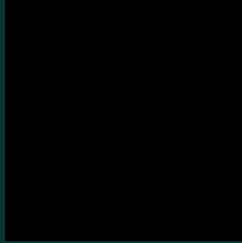
Any Text WCAG AA × Fail

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 0A342F Background



This preview shows how black text looks on a background with the Hex color 0A342F.



This preview shows how white text looks on a background with the Hex color 0A342F.

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](#).

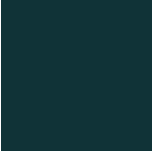
Dichromacy



Original Color
0A342F

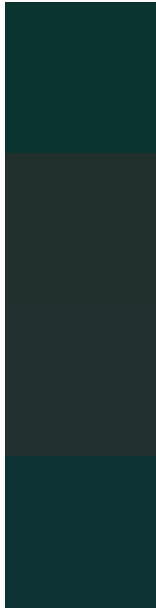
Protanopia
302E2C

Deuteranopia
322D31



Tritanopia
103337

Trichromacy



Original Color
0A342F

Protanomaly
22302D

Deuteranomaly
233030

Tritanomaly
0E3334

Monochromacy



Original Color
0A342F

Achromatopsia
272727

Achromatomaly
1C2C2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A342F 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 #0A342F looks like.

```
.text, #text, p{  
    color:#0A342F  
}
```

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 #0A342F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A342F
}
```

Border

The CSS property to change the border of an element to Hex 0A342F 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
#0A342F }
```

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

```
.border{ border-color:#0A342F }
```

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

Here you see how a box with a 4 pixel #0A342F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A342F; -webkit-box-shadow:4px 4px  
4px 4px #0A342F; box-shadow:4px 4px 4px  
4px #0A342F }
```

Background

The CSS property to change the background color of an element to Hex 0A342F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A342F }
```

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

```
.background{ background-color:#0A342F }
```

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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