

Converting Colors

Hex(06342C)

Have a look what the booklet for
Hex(06342C) contains.

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Color

Hex(06342C)

Conversions

Conversions Part 1

Format	Color
Hex	06342C
RGB	6, 52, 44
RGB Percent	2%, 20%, 17%
CMY	0.9765, 0.7961, 0.8275
CMYK	0.88, 0.00, 0.15, 0.80
HSL	170°, 79%, 11%
HSV	170°, 88%, 20%
XYZ	1.7577, 2.6766, 2.8069
YIQ	37.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

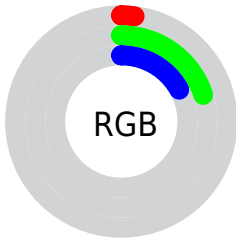
Format	Color
RYB	6, 31, 52
Decimal	406572
CIELab	18.70, -17.34, 0.74
CIELCh	19, 17.357, 177.542
Yxy	2.6766, 0.2427, 0.3696
Android (android.graphics.Color)	4278596652 (0xFF06342C)
YUV	37.3340, 3.2863, -27.4799
Hunter-Lab	16.3602, -9.4524, 1.2799

Details

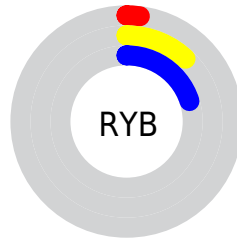
The Hex color **06342C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34060E**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **386359**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01342B**, and if you desaturate by 10%, it is **0B342D**.

Distribution



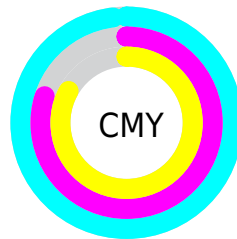
- Red (2%)
- Green (20%)
- Blue (17%)



- Red (2%)
- Yellow (12%)
- Blue (20%)



- Cyan (88%)
- Magenta (0%)
- Yellow (15%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06342C 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 06342C by changing the saturation by 10% instead.

 06342C


 06342C

 F2FFFF

 001F17

 386359

 000000

 517C72

 6A968B

 84B1A6

 9ECCC1

 BAE8DD

 D6FFF9

 06342C

 06342C

■ 01342B

■ 0B342D

■ 00342B

■ 10342E

■ 16342F

■ 1B3430

■ 203431

■ 253431

■ 2A3432

■ 303433

■ 353434

Harmonies

Analogous

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



1A3320



06342C



003439

Triad

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



06342C



2D2B44



402819

Complementary

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



06342C



34060E

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.



452423



06342C



3C263B

Square

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



06342C



182F46



44232F



362C14

Rectangle

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



06342C



003340



44232F



42271B

Sweetspot

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



06342C



324542



0E3406



182422



A3A3A3



242424

Same Dimension

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



06342C



004539



062534



171A19



00594A



00D9B3

Inverse Universe

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



34060E



45000C



341506



1A1717



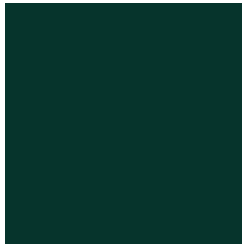
590010



D90026

Previews

White Background



This preview shows how the Hex color 06342C looks on a white background.

Color Contrast Check

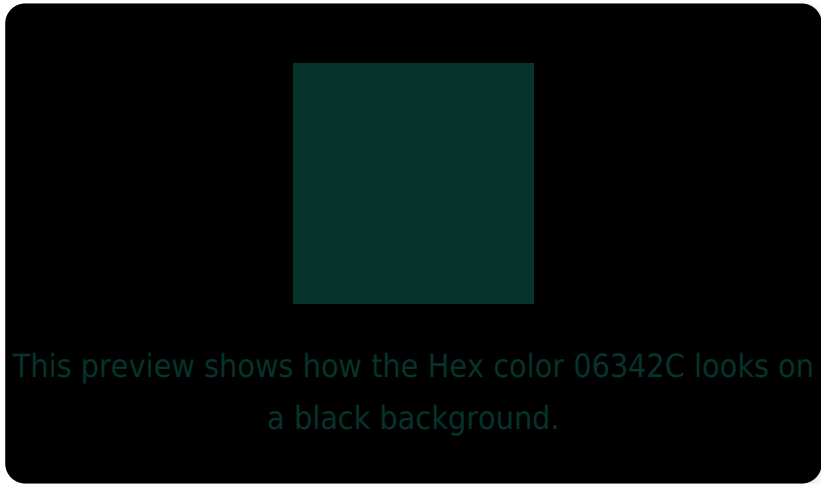
Large Text (above 18pt) WCAG AA ✓ Pass

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

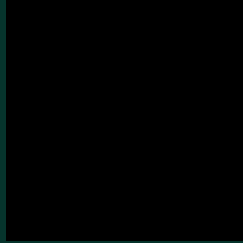
Any Text WCAG AA × Fail

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 06342C Background



This preview shows how black text looks on a background with the Hex color 06342C.



This preview shows how white text looks on a background with the Hex color 06342C.

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](#).

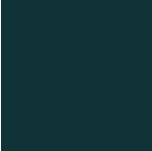
Dichromacy



Original Color
06342C

Protanopia
302E29

Deuteranopia
322C2E



Tritanopia
103337

Trichromacy



Original Color
06342C

Protanomaly
21302A

Deuteranomaly
222F2D

Tritanomaly
0C3333

Monochromacy



Original Color
06342C

Achromatopsia
252525

Achromatomaly
1A2A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 06342C 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 #06342C looks like.

```
.text, #text, p{  
    color:#06342C  
}
```

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 #06342C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06342C
}
```

Border

The CSS property to change the border of an element to Hex 06342C 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
#06342C }
```

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

```
.border{ border-color:#06342C }
```

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

Here you see how a box with a 4 pixel #06342C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06342C; -webkit-box-shadow:4px 4px  
4px 4px #06342C; box-shadow:4px 4px 4px  
4px #06342C }
```

Background

The CSS property to change the background color of an element to Hex 06342C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06342C }
```

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

```
.background{ background-color:#06342C }
```

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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