

Converting Colors

Hex(00942E)

Have a look what the booklet for
Hex(00942E) contains.

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Color

Hex(00942E)

Conversions

Conversions Part 1

Format	Color
Hex	00942E
RGB	0, 148, 46
RGB Percent	0%, 58%, 18%
CMY	1.0000, 0.4196, 0.8196
CMYK	1.00, 0.00, 0.69, 0.42
HSL	139°, 100%, 29%
HSV	139°, 100%, 58%
XYZ	11.0830, 21.3771, 6.1268
YIQ	92.1200, -55.4660, -63.0980

Conversions

Conversions Part 2

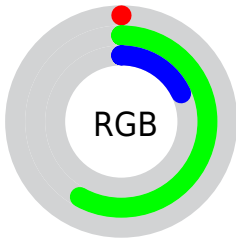
Format	Color
RYB	0, 113, 148
Decimal	37934
CIELab	53.36, -54.69, 42.95
CIElCh	53, 69.537, 141.859
Yxy	21.3771, 0.2872, 0.5540
Android (android.graphics.Color)	4278228014 (0xFF00942E)
YUV	92.1200, -22.7372, -80.7892
Hunter-Lab	46.2353, -38.1237, 24.5080

Details

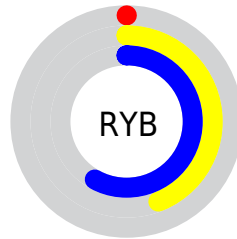
The Hex color **00942E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **940066**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **56CB61**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **00942E**, and if you desaturate by 10%, it is **0F9438**.

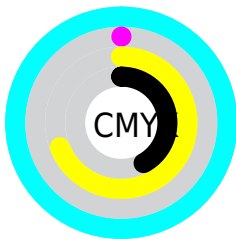
Distribution



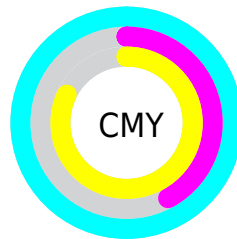
- Red (0%)
- Green (58%)
- Blue (18%)



- Red (0%)
- Yellow (44%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00942E 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 00942E by changing the saturation by 10% instead.

 00942E

 00942E

FFFFFF

 007912

 56CB61

 006000

 74E87B

 004600

 91FF96

 003000

 AFFFB1

 001400

 CCFFCD

 000000

 EAFFEA

 00942E

 0F9438

 1E9442

 2C944D

 3B9457

 4A9461

 59946B

 689475

 769480

 85948A

Harmonies

Analogous

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



708900



00942E



00996D

Triad

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



00942E



008CF7



E74057

Complementary

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



00942E



940066

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.



E13D92



00942E



5677F0

Square

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



00942E



0097DD



B659CA



D15C1E

Rectangle

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



00942E



009A96



B659CA



E83B6A

Sweetspot

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



00942E



86BF98



689400



3E6149



E0E0E0



616161

Same Dimension

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



00942E



00BF3B



009476



434A45



008A2B



000A03

Inverse Universe

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



940066



BF0084



94001E



4A4348



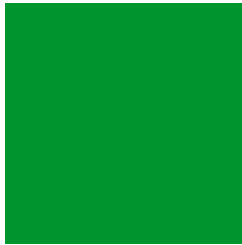
8A005F



0A0007

Previews

White Background



This preview shows how the Hex color 00942E looks on a white background.

Color Contrast Check

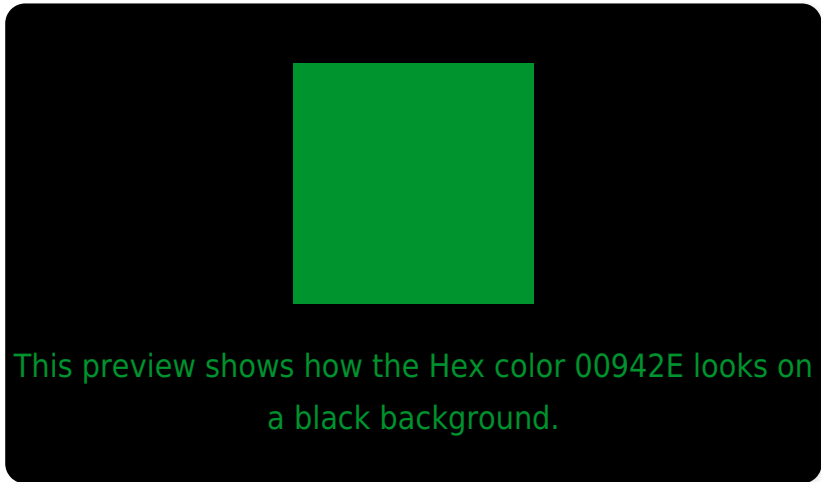
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00942E Background



This preview shows how black text looks on a background with the Hex color 00942E.



This preview shows how white text looks on a background with the Hex color 00942E.

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
00942E

Protanopia
8E7F28

Deuteranopia
9D7937



Tritanopia
3C8A95

Trichromacy



Original Color
00942E



Protanomaly
5A872A



Deuteranomaly
648334



Tritanomaly
268E70

Monochromacy



Original Color
00942E



Achromatopsia
5C5C5C



Achromatomaly
3B704B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00942E 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 #00942E looks like.

```
.text, #text, p{  
    color:#00942E  
}
```

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 #00942E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00942E
}
```

Border

The CSS property to change the border of an element to Hex 00942E 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
#00942E }
```

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

```
.border{ border-color:#00942E }
```

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

Here you see how a box with a 4 pixel #00942E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00942E; -webkit-box-shadow:4px 4px  
4px 4px #00942E; box-shadow:4px 4px 4px  
4px #00942E }
```

Background

The CSS property to change the background color of an element to Hex 00942E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00942E }
```

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

```
.background{ background-color:#00942E }
```

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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