

Converting Colors

Hex(093412)

Have a look what the booklet for
Hex(093412) contains.

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Color

Hex(093412)

Conversions

Conversions Part 1

Format	Color
Hex	093412
RGB	9, 52, 18
RGB Percent	4%, 20%, 7%
CMY	0.9647, 0.7961, 0.9294
CMYK	0.83, 0.00, 0.65, 0.80
HSL	133°, 70%, 12%
HSV	133°, 83%, 20%
XYZ	1.4498, 2.5577, 0.9895
YIQ	35.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

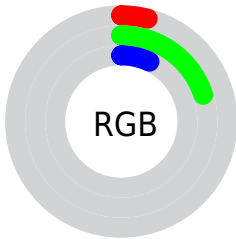
Format	Color
R_{YB}	9, 45, 52
Decimal	603154
CIE _{Lab}	18.18, -23.32, 17.19
CIE _{LCh}	18, 28.967, 143.599
Yxy	2.5577, 0.2901, 0.5118
Android (android.graphics.Color)	4278793234 (0xFF093412)
YUV	35.2670, -8.5126, -23.0362
Hunter-Lab	15.9929, -11.8058, 7.5265

Details

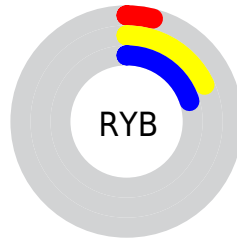
The Hex color **093412** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34092B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3A633D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04340E**, and if you desaturate by 10%, it is **0E3416**.

Distribution



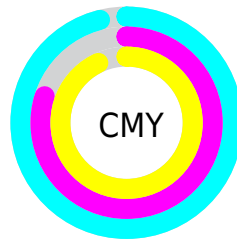
- Red (4%)
- Green (20%)
- Blue (7%)



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



- Cyan (83%)
- Magenta (0%)
- Yellow (65%)
- Black (80%)



- Cyan (96%)
- Magenta (80%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 093412 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 093412 by changing the saturation by 10% instead.



093412



093412



F4FFF4



002000



3A633D



000000



527C55



6B966D



85B186



A0CDA1



BBE9BC



D7FFD8



093412



093412

■ 04340E

■ 0E3416

■ 00340B

■ 13341A

■ 19341E

■ 1E3422

■ 233427

■ 28342B

■ 2D342F

■ 333433

■ 383437

Harmonies

Analogous

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



273000



093412



003627

Triad

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



093412



003056



51191D

Complementary

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



093412



34092B

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.



4F1832



093412



232953

Square

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



093412



00344E



411F45



4A2109

Rectangle

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



093412



003636



411F45



521824

Sweetspot

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



093412



344537



2B3409



19241B



A3A3A3



242424

Same Dimension

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



093412



01450F



093427



171A17



005913



00D92D

Inverse Universe

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



34092B



450137



340916



1A1719



590047



D900AB

Previews

White Background



This preview shows how the Hex color 093412 looks on a white background.

Color Contrast Check

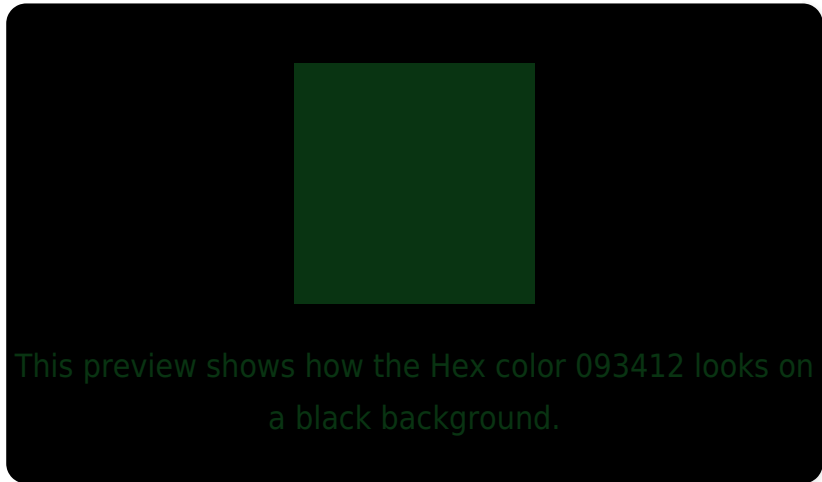
Large Text (above 18pt) WCAG AA ✓ Pass

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

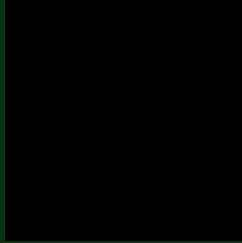
Any Text WCAG AA × Fail

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 093412 Background



This preview shows how black text looks on a background with the Hex color 093412.



This preview shows how white text looks on a background with the Hex color 093412.

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](#).

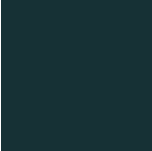
Dichromacy



Original Color
093412

Protanopia
322D10

Deuteranopia
372B15



Tritanopia
163135

Trichromacy



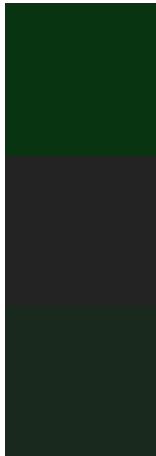
Original Color
093412

Protanomaly
233011

Deuteranomaly
262E14

Tritanomaly
113228

Monochromacy



Original Color
093412

Achromatopsia
232323

Achromatomaly
1A291D

CSS Examples

Text

The CSS property to change the color of the text to Hex 093412 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 #093412 looks like.

```
.text, #text, p{  
    color:#093412  
}
```

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 #093412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093412
}
```

Border

The CSS property to change the border of an element to Hex 093412 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
#093412 }
```

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

```
.border{ border-color:#093412 }
```

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

Here you see how a box with a 4 pixel #093412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093412; -webkit-box-shadow:4px 4px  
4px 4px #093412; box-shadow:4px 4px 4px  
4px #093412 }
```

Background

The CSS property to change the background color of an element to Hex 093412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093412 }
```

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

```
.background{ background-color:#093412 }
```

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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