

Converting Colors

Hex(093F22)

Have a look what the booklet for
Hex(093F22) contains.

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Color

Hex(093F22)

Conversions

Conversions Part 1

Format	Color
Hex	093F22
RGB	9, 63, 34
RGB Percent	4%, 25%, 13%
CMY	0.9647, 0.7529, 0.8667
CMYK	0.86, 0.00, 0.46, 0.75
HSL	148°, 75%, 14%
HSV	148°, 86%, 25%
XYZ	2.1789, 3.7286, 2.1182
YIQ	43.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

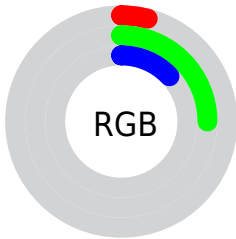
Format	Color
R_{YB}	9, 46, 63
Decimal	605986
CIE _{Lab}	22.75, -25.00, 13.03
CIE _{LCh}	23, 28.191, 152.481
Yxy	3.7286, 0.2715, 0.4646
Android (android.graphics.Color)	4278796066 (0xFF093F22)
YUV	43.5480, -4.7072, -30.2986
Hunter-Lab	19.3095, -13.6497, 7.0127

Details

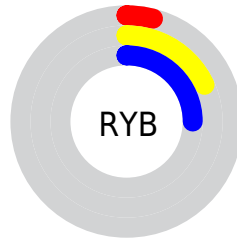
The Hex color **093F22** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3F0926**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3D6F4F**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **033F1F**, and if you desaturate by 10%, it is **0F3F25**.

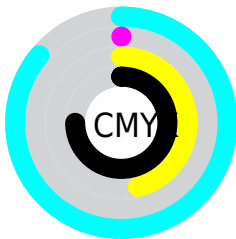
Distribution



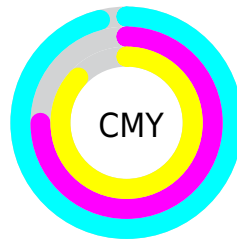
- Red (4%)
- Green (25%)
- Blue (13%)



- Red (4%)
- Yellow (18%)
- Blue (25%)



- Cyan (86%)
- Magenta (0%)
- Yellow (46%)
- Black (75%)



- Cyan (96%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 093F22 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 093F22 by changing the saturation by 10% instead.

 093F22

 093F22

 F9FFFF

 00290D

 3D6F4F

 001100

 568967

 000000

 6FA380

 89BF9A

 A4DBB5

 C0F7D0

 DCF FED

 093F22

 093F22

■ 033F1F

■ 0F3F25

■ 003F1D

■ 163F29

■ 1C3F2C

■ 223F30

■ 293F33

■ 2F3F36

■ 353F3A

■ 3B3F3D

■ 423F40

Harmonies

Analogous

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



2A3C10



093F22



004037

Triad

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



093F22



063860



5B2621

Complementary

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



093F22



3F0926

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.



5C2335



093F22



39305A

Square

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



093F22



003D5B



51274A



512E10

Rectangle

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



093F22



004046



51274A



5C2428

Sweetspot

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



093F22



3C5246



273F09



1C2922



A8A8A8



292929

Same Dimension

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



093F22



005226



093F3C



1C1F1D



005E2C



00DE67

Inverse Universe

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



3F0926



52002C



3F090C



1F1C1D



5E0033



DE0077

Previews

White Background



This preview shows how the Hex color 093F22 looks on a white background.

Color Contrast Check

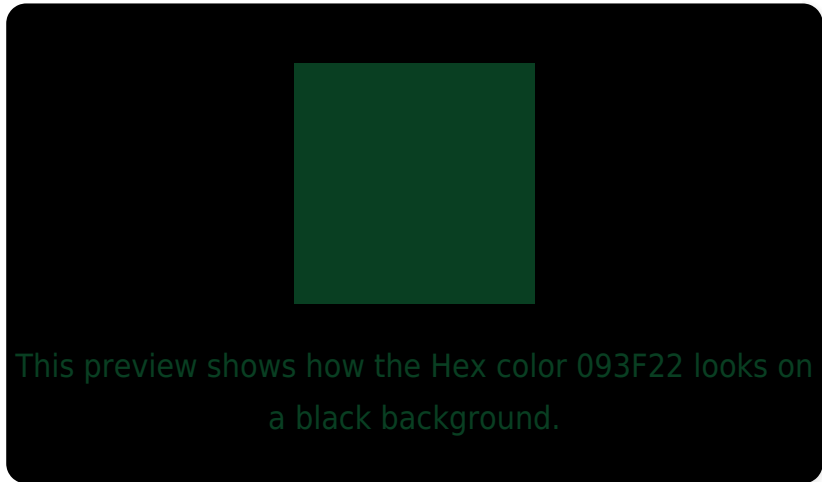
Large Text (above 18pt) WCAG AA ✓ Pass

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

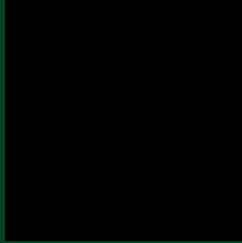
Any Text WCAG AA × Fail

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 093F22 Background



This preview shows how black text looks on a background with the Hex color 093F22.

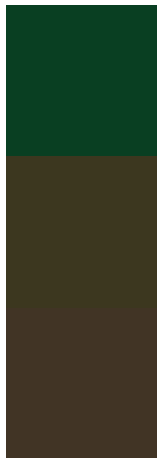


This preview shows how white text looks on a background with the Hex color 093F22.

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](#).

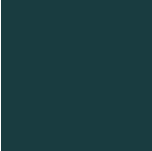
Dichromacy



Original Color
093F22

Protanopia
3C371F

Deuteranopia
413425



Tritanopia
193C40

Trichromacy



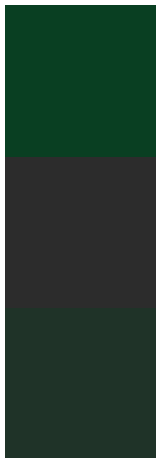
Original Color
093F22

Protanomaly
293A20

Deuteranomaly
2D3824

Tritanomaly
133D35

Monochromacy



Original Color
093F22

Achromatopsia
2C2C2C

Achromatomaly
1F3328

CSS Examples

Text

The CSS property to change the color of the text to Hex 093F22 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 #093F22 looks like.

```
.text, #text, p{  
    color:#093F22  
}
```

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 #093F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093F22
}
```

Border

The CSS property to change the border of an element to Hex 093F22 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
#093F22 }
```

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

```
.border{ border-color:#093F22 }
```

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

Here you see how a box with a 4 pixel #093F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093F22; -webkit-box-shadow:4px 4px  
4px 4px #093F22; box-shadow:4px 4px 4px  
4px #093F22 }
```

Background

The CSS property to change the background color of an element to Hex 093F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093F22 }
```

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

```
.background{ background-color:#093F22 }
```

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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