

Converting Colors

Hex(093030)

Have a look what the booklet for
Hex(093030) contains.

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Color

Hex(093030)

Conversions

Conversions Part 1

Format	Color
Hex	093030
RGB	9, 48, 48
RGB Percent	4%, 19%, 19%
CMY	0.9647, 0.8118, 0.8118
CMYK	0.81, 0.00, 0.00, 0.81
HSL	180°, 68%, 11%
HSV	180°, 81%, 19%
XYZ	1.7031, 2.3854, 3.1670
YIQ	36.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

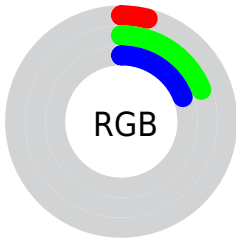
Format	Color
R_{YB}	9, 29, 48
Decimal	602160
CIE _{Lab}	17.39, -13.09, -3.93
CIE _{LCh}	17, 13.671, 196.726
Yxy	2.3854, 0.2347, 0.3288
Android (android.graphics.Color)	4278792240 (0xFF093030)
YUV	36.3390, 5.7489, -23.9763
Hunter-Lab	15.4447, -7.3447, -1.3463

Details

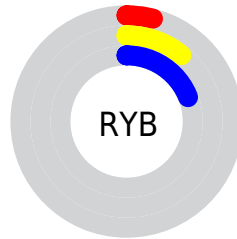
The Hex color **093030** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **300909**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3A5E5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **043030**, and if you desaturate by 10%, it is **0E3030**.

Distribution



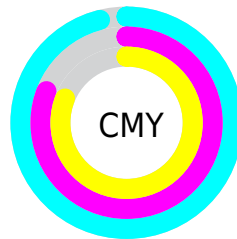
- Red (4%)
- Green (19%)
- Blue (19%)



- Red (4%)
- Yellow (11%)
- Blue (19%)



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



- Cyan (96%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 093030 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 093030 by changing the saturation by 10% instead.

 093030

 093030

 F3FFFF

 001C1B

 3A5E5E

 000000

 527777

 6B9190

 85ABAB

 9FC7C6

 BBE3E2

 D7FFFF

 093030

 093030

■ 043030

■ 0E3030

■ 003030

■ 133030

■ 173030

■ 1C3030

■ 213030

■ 263030

■ 2B3030

■ 2F3030

■ 343030

Harmonies

Analogous

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



153026



093030



082F39

Triad

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



093030



332638



352918

Complementary

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



093030



300909

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.



3C251D



093030



3B242F

Square

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



093030



262A3D



3E2326



2C2C18

Rectangle

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



093030



112E3C



3E2326



382719

Sweetspot

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



093030



2F3D3D



093009



161F1F



9E9E9E



1F1F1F

Same Dimension

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



093030



013D3D



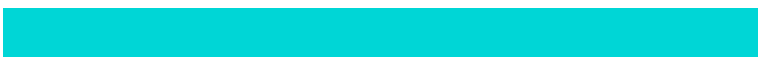
091C30



151717



005757



00D6D6

Inverse Universe

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



300930



3D013D



301C09



171517



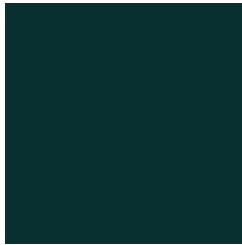
570057



D600D6

Previews

White Background



This preview shows how the Hex color 093030 looks on a white background.

Color Contrast Check

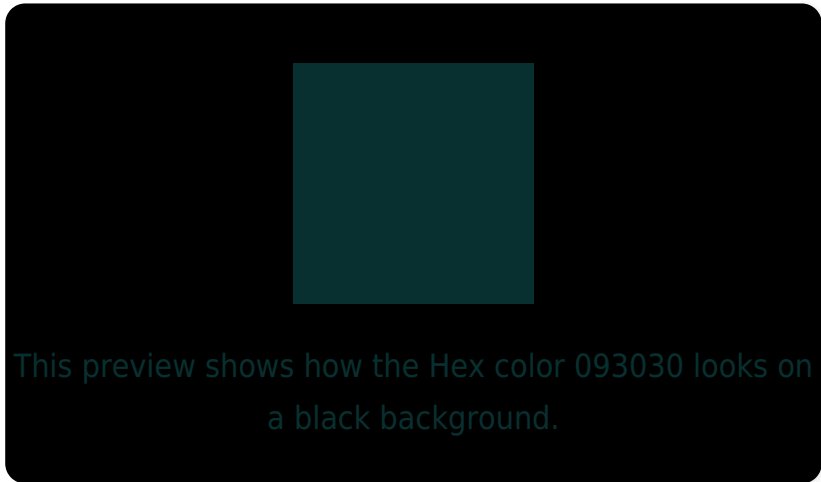
Large Text (above 18pt) WCAG AA ✓ Pass

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

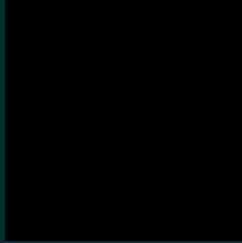
Any Text WCAG AA × Fail

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 093030 Background



This preview shows how black text looks on a background with the Hex color 093030.



This preview shows how white text looks on a background with the Hex color 093030.

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
093030

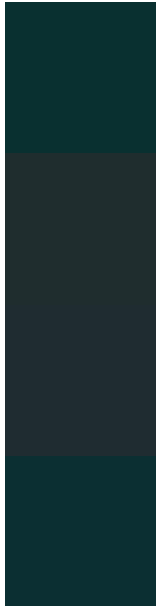
Protanopia
2B2B2D

Deuteranopia
2C2A31



Tritanopia
0C2F33

Trichromacy



Original Color
093030

Protanomaly
1F2D2E

Deuteranomaly
1F2C31

Tritanomaly
0B2F32

Monochromacy



Original Color
093030

Achromatopsia
242424

Achromatomaly
1A2828

CSS Examples

Text

The CSS property to change the color of the text to Hex 093030 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 #093030 looks like.

```
.text, #text, p{  
    color:#093030  
}
```

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 #093030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093030
}
```

Border

The CSS property to change the border of an element to Hex 093030 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
#093030 }
```

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

```
.border{ border-color:#093030 }
```

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

Here you see how a box with a 4 pixel #093030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093030; -webkit-box-shadow:4px 4px  
4px 4px #093030; box-shadow:4px 4px 4px  
4px #093030 }
```

Background

The CSS property to change the background color of an element to Hex 093030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093030 }
```

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

```
.background{ background-color:#093030 }
```

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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