

Converting Colors

Hex(093333)

Have a look what the booklet for
Hex(093333) contains.

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Color

Hex(093333)

Conversions

Conversions Part 1

Format	Color
Hex	093333
RGB	9, 51, 51
RGB Percent	4%, 20%, 20%
CMY	0.9647, 0.8000, 0.8000
CMYK	0.82, 0.00, 0.00, 0.80
HSL	180°, 70%, 12%
HSV	180°, 82%, 20%
XYZ	1.8940, 2.6647, 3.5465
YIQ	38.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

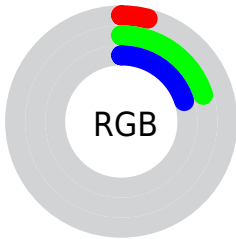
Format	Color
R_YB	9, 30, 51
Decimal	602931
CIE Lab	18.65, -13.79, -4.13
CIE LCh	19, 14.395, 196.690
Yxy	2.6647, 0.2337, 0.3288
Android (android.graphics.Color)	4278793011 (0xFF093333)
YUV	38.4420, 6.1911, -25.8206
Hunter-Lab	16.3241, -7.8563, -1.4542

Details

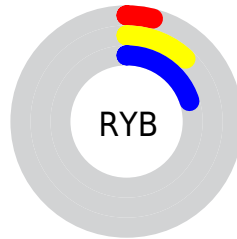
The Hex color **093333** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330909**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3B6261**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **043333**, and if you desaturate by 10%, it is **0E3333**.

Distribution



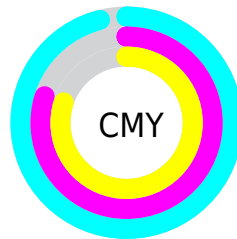
- Red (4%)
- Green (20%)
- Blue (20%)



- Red (4%)
- Yellow (12%)
- Blue (20%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 093333 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 093333 by changing the saturation by 10% instead.

 093333

 093333

 F5FFFF

 001E1E

 3B6261

 000004

 537B7A

 000000

 6C9494

 86AFAE

 A1BCBA

 BCE7E6

 D8FFFF

 093333

 093333

■ 043333

■ 0E3333

■ 003333

■ 133333

■ 183333

■ 1D3333

■ 233333

■ 283333

■ 2D3333

■ 323333

■ 373333

Harmonies

Analogous

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



163328



093333



08323C

Triad

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



093333



36293C



382B19

Complementary

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



093333



330909

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.



3F281F



093333



3F2632

Square

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



093333



282C41



422628



2F2F19

Rectangle

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



093333



113140



422628



3B2A1A

Sweetspot

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



093333



324242



093309



172121



A1A1A1



212121

Same Dimension

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



093333



014242



091E33



171A1A



005959



00D9D9

Inverse Universe

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



330933



420142



331E09



1A171A



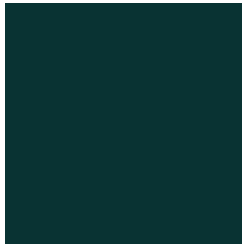
590059



D900D9

Previews

White Background



This preview shows how the Hex color 093333 looks on a white background.

Color Contrast Check

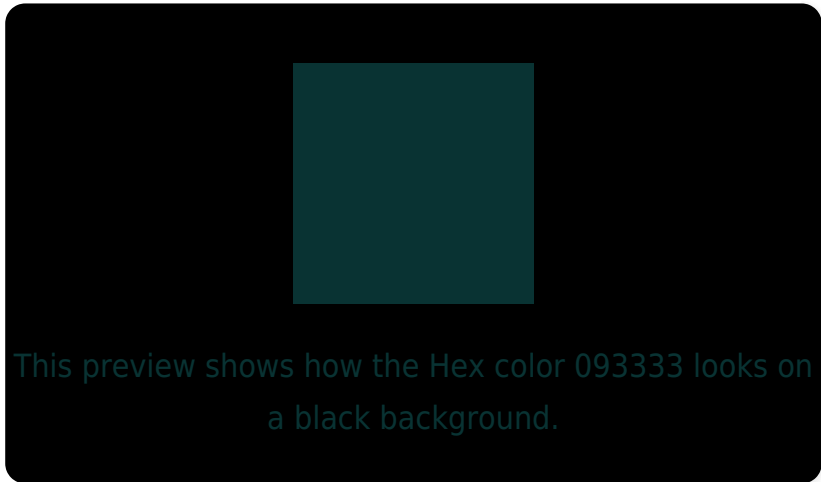
Large Text (above 18pt) WCAG AA ✓ Pass

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

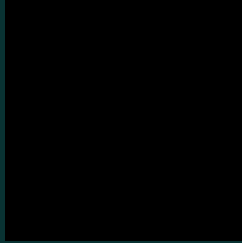
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

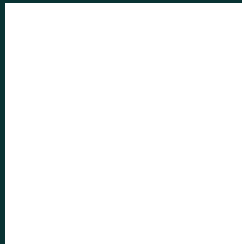
Any Text WCAG AAA × Fail

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

Hex 093333 Background



This preview shows how black text looks on a background with the Hex color 093333.



This preview shows how white text looks on a background with the Hex color 093333.

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

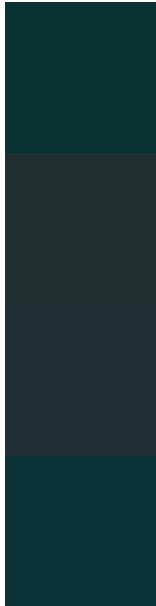


Original Color
093333

Protanopia
2E2D30

Deuteranopia
2F2C34

Trichromacy



Original Color
093333

Protanomaly
212F31

Deuteranomaly
212F34

Tritanomaly
0B3236

Monochromacy



Original Color
093333

Achromatopsia
262626

Achromatomaly
1B2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 093333 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 #093333 looks like.

```
.text, #text, p{  
    color:#093333  
}
```

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 #093333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093333
}
```

Border

The CSS property to change the border of an element to Hex 093333 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".

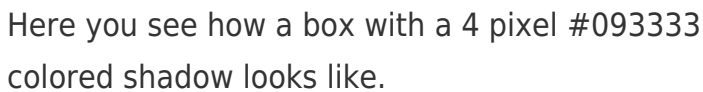
```
.border, #border, table{ border:4px solid
#093333 }
```

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

```
.border{ border-color:#093333 }
```

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

Here you see how a box with a 4 pixel #093333 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093333; -webkit-box-shadow:4px 4px  
4px 4px #093333; box-shadow:4px 4px 4px  
4px #093333 }
```

Background

The CSS property to change the background color of an element to Hex 093333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093333 }
```

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

```
.background{ background-color:#093333 }
```

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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