

Converting Colors

Hex(090A13)

Have a look what the booklet for
Hex(090A13) contains.

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Color

Hex(090A13)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 090A13 |
| RGB | 9, 10, 19 |
| RGB Percent | 4%, 4%, 7% |
| CMY | 0.9647, 0.9608, 0.9255 |
| CMYK | 0.53, 0.47, 0.00, 0.93 |
| HSL | 234°, 36%, 5% |
| HSV | 234°, 53%, 7% |
| XYZ | 0.3387, 0.3222, 0.6604 |
| YIQ | 10.7270, -3.4850, 2.5870 |

Conversions

Conversions Part 2

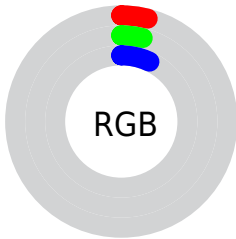
| Format | Color |
|-------------------------------------|--|
| RYB | 9, 10, 19 |
| Decimal | 592403 |
| CIELab | 2.91, 1.33, -4.43 |
| CIElCh | 3, 4.625, 286.742 |
| Yxy | 0.3222, 0.2564, 0.2438 |
| Android (android.graphics.Color) | 4278782483 (0xFF090A13) |
| YUV | 10.7270, 4.0786, -1.5146 |
| Hunter-Lab | 5.6761, 0.7196, -2.9253 |

Details

The Hex color **090A13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **131209**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **35363D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **070813**, and if you desaturate by 10%, it is **0B0C13**.

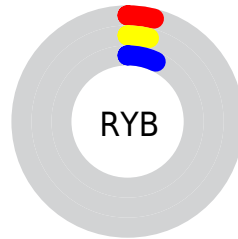
Distribution



Red (4%)

Green (4%)

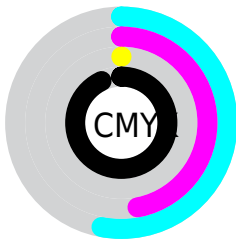
Blue (7%)



Red (4%)

Yellow (4%)

Blue (7%)

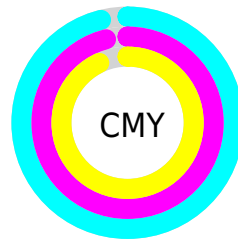


Cyan (53%)

Magenta (47%)

Yellow (0%)

Black (93%)



Cyan (96%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090A13 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 090A13 by changing the saturation by 10% instead.

■ 090A13

■ 090A13

■ E9EAF3

■ 000000

■ 35363D

■ 4C4D54

■ 64656D

■ 7D7E86

■ 9798A0

■ B2B2BB

■ CDCED7

■ 090A13

■ 090A13

■ 070813

■ 0B0C13

■ 050713

■ 0D0D13

■ 030513

■ 0F0F13

■ 010313

■ 111113

■ 000213

■ 131313

■ 141413

■ 161613

■ 181813

■ 1A1913

Harmonies

Analogous

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



030C13



090A13



0F0811

Triad

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



090A13



140803



000E08

Complementary

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



090A13



131209

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.



050D03



090A13



110900

Square

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



090A13



140708



0C0B00



000E0D

Rectangle

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



090A13



12070F



0C0B00



020D06

Sweetspot

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



090A13



15161A



091312



0A0B0D



8C8C8C



0D0D0D

Same Dimension

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



090A13



090B1A



0D0913



09090A



00074A



0014C9

Inverse Universe

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



13090A



1A090B



0F1309



0A0909



4A0007



C90014

Previews

White Background



This preview shows how the Hex color 090A13 looks on a white background.

Color Contrast Check

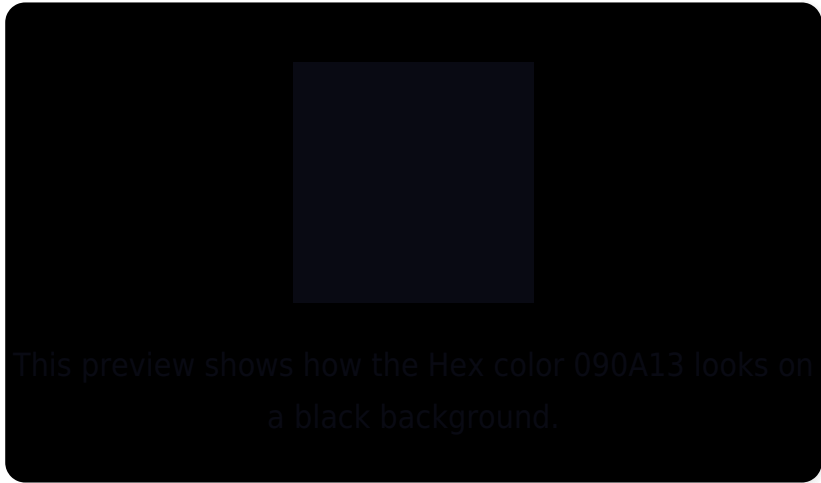
Large Text (above 18pt) WCAG AA ✓ Pass

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

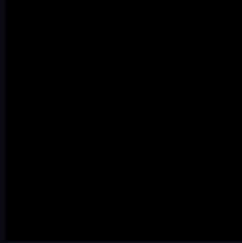
Any Text WCAG AA × Fail

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 090A13 Background



This preview shows how black text looks on a background with the Hex color 090A13.



This preview shows how white text looks on a background with the Hex color 090A13.

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](#).

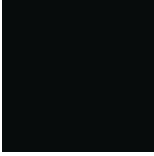
Dichromacy



Original Color
090A13

Protanopia
060A13

Deuteranopia
040B13



Tritanopia
070C0C

Trichromacy



Original Color
090A13

Protanomaly
070A13

Deuteranomaly
060B13

Tritanomaly
080B0F

Monochromacy



Original Color
090A13

Achromatopsia
0B0B0B

Achromatomaly
0A0B0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 090A13 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 #090A13 looks like.

```
.text, #text, p{  
    color:#090A13  
}
```

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 #090A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090A13  
}
```

Border

The CSS property to change the border of an element to Hex 090A13 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  
#090A13 }
```

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

```
.border{ border-color:#090A13 }
```

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

Here you see how a box with a 4 pixel #090A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090A13; -webkit-box-shadow:4px 4px  
4px 4px #090A13; box-shadow:4px 4px 4px  
4px #090A13 }
```

Background

The CSS property to change the background color of an element to Hex 090A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090A13 }
```

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

```
.background{ background-color:#090A13 }
```

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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