

Converting Colors

Hex(090F2D)

Have a look what the booklet for
Hex(090F2D) contains.

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Color

Hex(090F2D)

Conversions

Conversions Part 1

Format	Color
Hex	090F2D
RGB	9, 15, 45
RGB Percent	4%, 6%, 18%
CMY	0.9647, 0.9412, 0.8235
CMYK	0.80, 0.67, 0.00, 0.82
HSL	230°, 67%, 11%
HSV	230°, 80%, 18%
XYZ	0.7571, 0.5892, 2.5564
YIQ	16.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

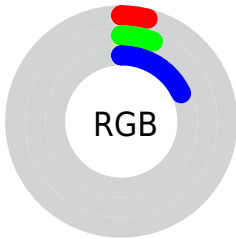
Format	Color
RYB	9, 14, 45
Decimal	593709
CIELab	5.32, 8.08, -20.51
CIELCh	5, 22.040, 291.493
Yxy	0.5892, 0.1940, 0.1510
Android (android.graphics.Color)	4278783789 (0xFF090F2D)
YUV	16.6260, 13.9884, -6.6880
Hunter-Lab	7.6758, 4.1743, -14.3734

Details

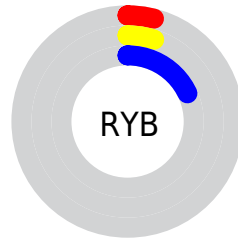
The Hex color **090F2D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2D2709**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **36395B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **040B2D**, and if you desaturate by 10%, it is **0E132D**.

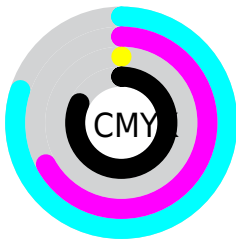
Distribution



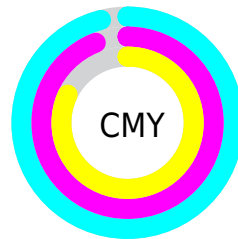
- Red (4%)
- Green (6%)
- Blue (18%)



- Red (4%)
- Yellow (5%)
- Blue (18%)



- Cyan (80%)
- Magenta (67%)
- Yellow (0%)
- Black (82%)



- Cyan (96%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090F2D 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 090F2D by changing the saturation by 10% instead.

■ 090F2D

■ 090F2D

■ EEEEEFF

■ 000118

■ 36395B

■ 000000

■ 4E5074

■ 67688D

■ 8081A8

■ 9A9BC3

■ B5B6DF

■ D1D2FC

■ 090F2D

■ 090F2D

■ 040B2D

■ 0E132D

■ 00082D

■ 12172D

■ 171A2D

■ 1B1E2D

■ 20222D

■ 24262D

■ 29292D

■ 2D2D2D

■ 32312D

Harmonies

Analogous

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



00152F



090F2D



200724

Triad

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



090F2D



270800



001B0A

Complementary

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



090F2D



2D2709

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.



001900



090F2D



1C0F00

Square

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



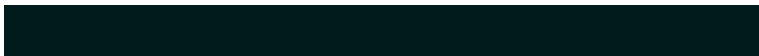
090F2D



2C0201



091500



001B1C

Rectangle

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



090F2D



27031C



091500



001A01

Sweetspot

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



090F2D



2D2F3B



092D27



16171F



9E9E9E



1F1F1F

Same Dimension

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



090F2D



020C3B



15092D



151517



000E57



0024D6

Inverse Universe

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



2D090F



3B020C



212D09



171515



57000E



D60024

Previews

White Background



This preview shows how the Hex color 090F2D looks on a white background.

Color Contrast Check

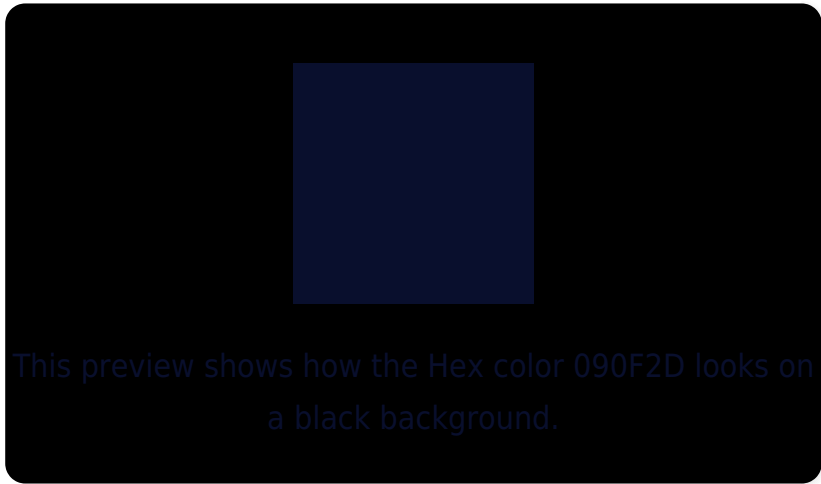
Large Text (above 18pt) WCAG AA ✓ Pass

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

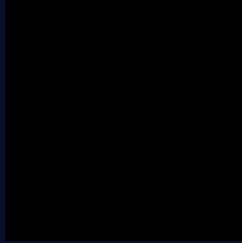
Any Text WCAG AA × Fail

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 090F2D Background



This preview shows how black text looks on a background with the Hex color 090F2D.



This preview shows how white text looks on a background with the Hex color 090F2D.

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
090F2D

Protanopia
001226

Deuteranopia
001320



Tritanopia
001516

Trichromacy



Original Color

090F2D

Protanomaly

031129

Deuteranomaly

031225

Tritanomaly

03131E

Monochromacy



Original Color

090F2D

Achromatopsia

111111

Achromatomaly

0E101B

CSS Examples

Text

The CSS property to change the color of the text to Hex 090F2D 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 #090F2D looks like.

```
.text, #text, p{  
    color:#090F2D  
}
```

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 #090F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090F2D
}
```

Border

The CSS property to change the border of an element to Hex 090F2D 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
#090F2D }
```

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

```
.border{ border-color:#090F2D }
```

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

Here you see how a box with a 4 pixel #090F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090F2D; -webkit-box-shadow:4px 4px  
4px 4px #090F2D; box-shadow:4px 4px 4px  
4px #090F2D }
```

Background

The CSS property to change the background color of an element to Hex 090F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090F2D }
```

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

```
.background{ background-color:#090F2D }
```

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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