

# Converting Colors

Hex(090F0D)

Have a look what the booklet for  
Hex(090F0D) contains.

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# Color

**Hex(090F0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	090F0D
RGB	9, 15, 13
RGB Percent	4%, 6%, 5%
CMY	0.9647, 0.9412, 0.9490
CMYK	0.40, 0.00, 0.13, 0.94
HSL	160°, 25%, 5%
HSV	160°, 40%, 6%
XYZ	0.3561, 0.4288, 0.4448
YIQ	12.9780, -2.9340, -1.8940

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">9, 13, 15</a>
Decimal	<a href="#">593677</a>
CIELab	<a href="#">3.87, -2.11, 0.32</a>
CIElCh	<a href="#">4, 2.130, 171.462</a>
Yxy	<a href="#">0.4288, 0.2896, 0.3487</a>
Android (android.graphics.Color)	<a href="#">4278783757</a> (0xFF090F0D)
YUV	<a href="#">12.9780, 0.0108, -3.4887</a>
Hunter-Lab	<a href="#">6.5482, -1.7514, 0.5566</a>

# Details

The Hex color **090F0D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F090B**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **363A38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **070F0C**, and if you desaturate by 10%, it is **0A0F0D**.

# Distribution



Red (4%)

Green (6%)

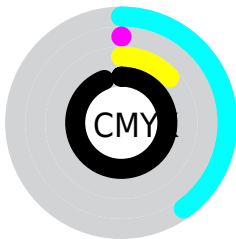
Blue (5%)



Red (4%)

Yellow (5%)

Blue (6%)

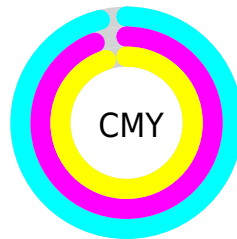


Cyan (40%)

Magenta (0%)

Yellow (13%)

Black (94%)



Cyan (96%)

Magenta (94%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 090F0D 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 090F0D by changing the saturation by 10% instead.



■ 090F0D

■ 090F0D

■ E9EFED

■ 000000

■ 363A38

■ 4C514F

■ 646967

■ 7D8280

■ 979C9A

■ B2B7B5

■ CDD2D0

■ 090F0D

■ 090F0D

■ 070F0C

■ 0A0F0D

■ 060F0C

■ 0C0F0E

■ 050F0B

■ 0D0F0E

■ 030F0B

■ 0F0F0F

■ 010F0A

■ 100F10

■ 000F0A

■ 120F10

■ 130F10

■ 150F11

■ 160F11

# Harmonies

## Analogous

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



0B0F0B



090F0D



080F0F

# Triad

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



090F0D



0E0D11



120D0A

# Complementary

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



090F0D



0F090B

# 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.



120C0C



090F0D



100D10

# Square

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



090F0D



0B0E12



120C0E



100D09

# Rectangle

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



090F0D



080F10



120C0E



120D0B



# Sweetspot

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



090F0D



121414



0B0F09



090A0A



8A8A8A



0A0A0A

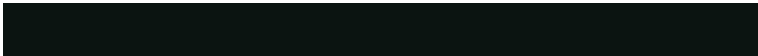


# Same Dimension

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



090F0D



0B1411



090E0F



070807



004730



00C785



# Inverse Universe

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



0F090B



140B0E



0F0A09



080707



470018

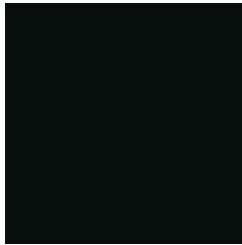


C70042



# Previews

## White Background



This preview shows how the Hex color 090F0D looks on a white background.

## Color Contrast Check

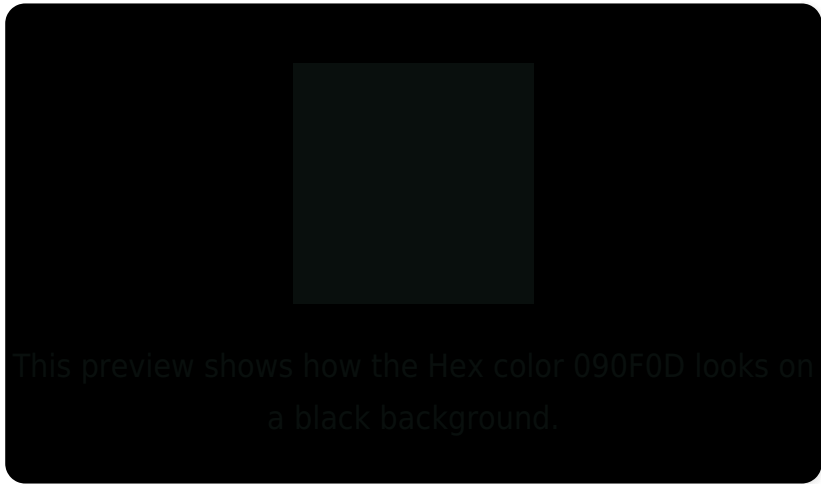
Large Text (above 18pt) WCAG AA ✓ Pass

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

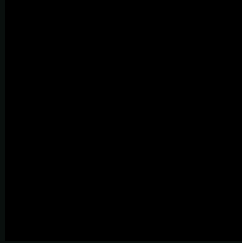
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

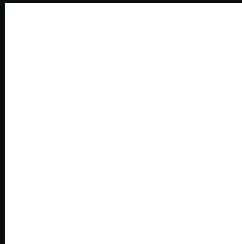
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 090F0D Background



This preview shows how black text looks on a background with the Hex color 090F0D.

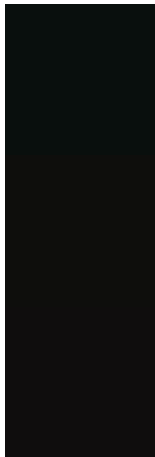


This preview shows how white text looks on a background with the Hex color 090F0D.

# 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](#).

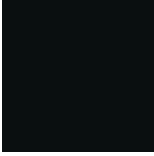
## Dichromacy



**Original Color**  
090F0D

**Protanopia**  
0E0E0C

**Deuteranopia**  
0F0D0D



**Tritanopia**  
0A0F10

# Trichromacy



**Original Color**

090F0D

**Protanomaly**

0C0E0C

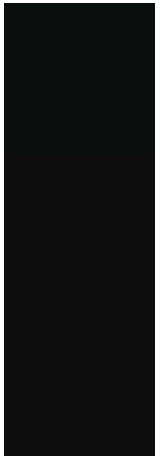
**Deuteranomaly**

0D0E0D

**Tritanomaly**

0A0F0F

# Monochromacy



**Original Color**

090F0D

**Achromatopsia**

0D0D0D

**Achromatomaly**

0C0E0D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 090F0D 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 #090F0D looks like.

```
.text, #text, p{  
    color:#090F0D  
}
```

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 #090F0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090F0D
}
```

## Border

The CSS property to change the border of an element to Hex 090F0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

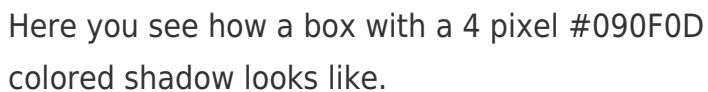
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090F0D }
```

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

```
.border{ border-color:#090F0D }
```

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



Here you see how a box with a 4 pixel #090F0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090F0D; -webkit-box-shadow:4px 4px  
4px 4px #090F0D; box-shadow:4px 4px 4px  
4px #090F0D }
```

# Background

The CSS property to change the background color of an element to Hex 090F0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090F0D }
```

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

```
.background{ background-color:#090F0D }
```

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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