

# Converting Colors

Hex(07090F)

Have a look what the booklet for  
Hex(07090F) contains.

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# Color

**Hex(07090F)**

# Conversions

Conversions Part 1	
Format	Color
Hex	07090F
RGB	7, 9, 15
RGB Percent	3%, 4%, 6%
CMY	0.9725, 0.9647, 0.9412
CMYK	0.53, 0.40, 0.00, 0.94
HSL	225°, 36%, 4%
HSV	225°, 53%, 6%
XYZ	0.2715, 0.2750, 0.4907
YIQ	9.0860, -3.1180, 1.4420

# Conversions

## Conversions Part 2

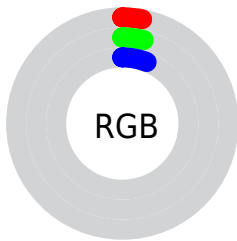
Format	Color
<a href="#">RYB</a>	<a href="#">7, 9, 15</a>
Decimal	<a href="#">461071</a>
CIELab	<a href="#">2.48, 0.41, -2.74</a>
CIELCh	<a href="#">2, 2.767, 278.618</a>
Yxy	<a href="#">0.2750, 0.2618, 0.2651</a>
Android (android.graphics.Color)	<a href="#">4278651151</a> (0xFF07090F)
YUV	<a href="#">9.0860, 2.9156, -1.8294</a>
Hunter-Lab	<a href="#">5.2444, 0.0644, -1.8767</a>

# Details

The Hex color **07090F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F0D07**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **34363A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **06080F**, and if you desaturate by 10%, it is **080A0F**.

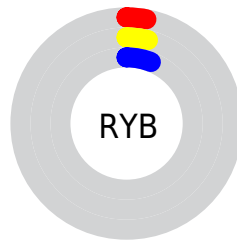
# Distribution



Red (3%)

Green (4%)

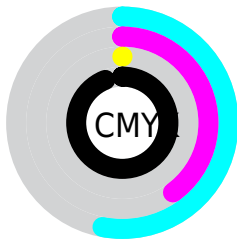
Blue (6%)



Red (3%)

Yellow (4%)

Blue (6%)

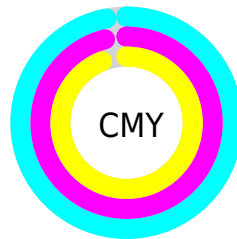


Cyan (53%)

Magenta (40%)

Yellow (0%)

Black (94%)



Cyan (97%)

Magenta (96%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07090F 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 07090F by changing the saturation by 10% instead.



 07090F

 07090F

 E8E9EF

 000000

 34363A

 4B4C51

 636469

 7C7D82

 96979C

 B0B2B7

 CCCDD2

 07090F

 07090F

■ 06080F

■ 080A0F

■ 04070F

■ 0A0B0F

■ 02060F

■ 0B0C0F

■ 01040F

■ 0D0D0F

■ 00040F

■ 0E0F0F

■ 10100F

■ 11110F

■ 13120F

■ 14130F

# Harmonies

## Analogous

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



030A0F



07090F



0B080E

# Triad

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



07090F



100705



040B06

# Complementary

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



07090F



0F0D07

# 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.



070A04



07090F



0E0803

# Square

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



07090F



100708



0B0902



010B0A

# Rectangle

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



07090F



0D070C



0B0902



050B05



# Sweetspot

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



07090F



111214



070F0D



08090A



8A8A8A



0A0A0A



# Same Dimension

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



07090F



070B14



09070F



070708



001247



0032C7



# Inverse Universe

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



0F0709



14070B



0D0F07



080707



470012

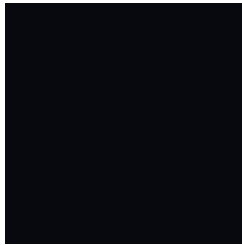


C70032



# Previews

## White Background



This preview shows how the Hex color 07090F looks on a white background.

## Color Contrast Check

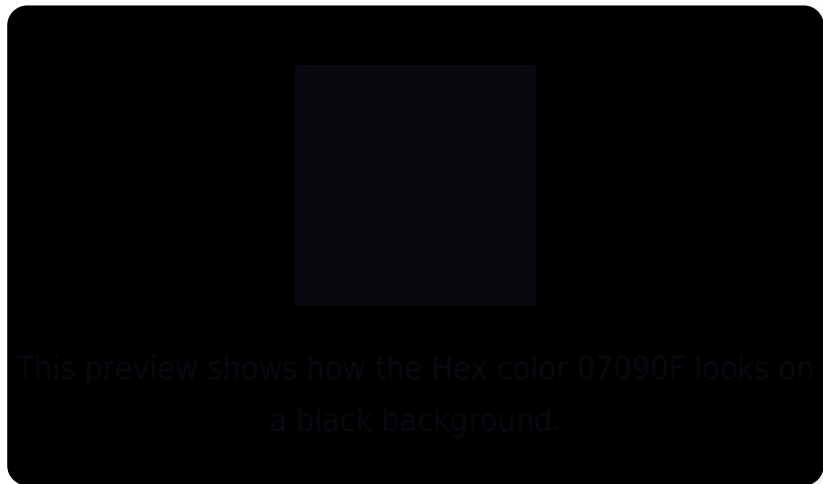
Large Text (above 18pt) WCAG AA ✓ Pass

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

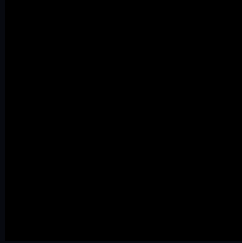
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 07090F Background



This preview shows how black text looks on a background with the Hex color 07090F.



This preview shows how white text looks on a background with the Hex color 07090F.

# 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**

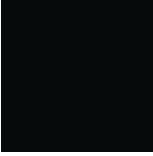
07090F

**Protanopia**

07090F

**Deuteranopia**

06090F



**Tritanopia**  
060A0B

# Trichromacy



**Original Color**  
07090F

**Protanomaly**  
07090F

**Deuteranomaly**  
06090F

**Tritanomaly**  
060A0C

# Monochromacy



**Original Color**  
07090F

**Achromatopsia**  
090909

**Achromatomaly**  
08090B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07090F 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 #07090F looks like.

```
.text, #text, p{  
    color:#07090F  
}
```

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 #07090F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07090F
}
```

## Border

The CSS property to change the border of an element to Hex 07090F 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
#07090F }
```

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

```
.border{ border-color:#07090F }
```

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

Here you see how a box with a 4 pixel #07090F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07090F; -webkit-box-shadow:4px 4px  
4px 4px #07090F; box-shadow:4px 4px 4px  
4px #07090F }
```

# Background

The CSS property to change the background color of an element to Hex 07090F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07090F }
```

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

```
.background{ background-color:#07090F }
```

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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