

Converting Colors

Hex(090B10)

Have a look what the booklet for
Hex(090B10) contains.

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Color

Hex(090B10)

Conversions

Conversions Part 1

Format	Color
Hex	090B10
RGB	9, 11, 16
RGB Percent	4%, 4%, 6%
CMY	0.9647, 0.9569, 0.9373
CMYK	0.44, 0.31, 0.00, 0.94
HSL	223°, 28%, 5%
HSV	223°, 44%, 6%
XYZ	0.3259, 0.3348, 0.5377
YIQ	10.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

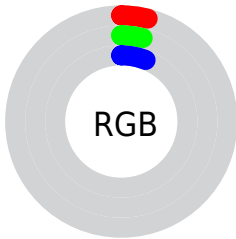
Format	Color
RYB	9, 11, 16
Decimal	592656
CIELab	3.02, 0.31, -2.48
CIElCh	3, 2.495, 277.175
Yxy	0.3348, 0.2719, 0.2794
Android (android.graphics.Color)	4278782736 (0xFF090B10)
YUV	10.9720, 2.4788, -1.7294
Hunter-Lab	5.7865, -0.0744, -1.4586

Details

The Hex color **090B10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **100E09**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **36373B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **070A10**, and if you desaturate by 10%, it is **0B0C10**.

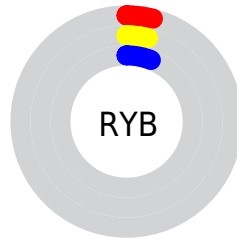
Distribution



Red (4%)

Green (4%)

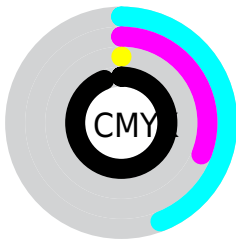
Blue (6%)



Red (4%)

Yellow (4%)

Blue (6%)

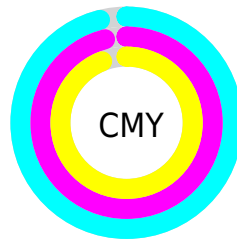


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (94%)



Cyan (96%)

Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090B10 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 090B10 by changing the saturation by 10% instead.

■ 090B10

■ 090B10

■ E9EBF0

■ 000000

■ 36373B

■ 4C4E52

■ 64666A

■ 7D7F83

■ 97989D

■ B2B3B8

■ CDCFD3

■ 090B10

■ 090B10

■ 070A10

■ 0B0C10

■ 060910

■ 0C0D10

■ 040810

■ 0E0E10

■ 030610

■ 0F1010

■ 010510

■ 111110

■ 000510

■ 131210

■ 141310

■ 161410

■ 171510

Harmonies

Analogous

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



060C10



090B10



0C0A0F

Triad

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



090B10



110907



060D09

Complementary

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



090B10



100E09

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.



090C06



090B10



0F0A05

Square

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



090B10



11090A



0D0B05



040D0C

Rectangle

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



090B10



0E0A0E



0D0B05



070C08

Sweetspot

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



090B10



121314



09100E



09090A



8A8A8A



0A0A0A

Same Dimension

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



090B10



0A0D14



0A0910



070708



001447



0039C7

Inverse Universe

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



10090B



140A0D



0F1009



080707



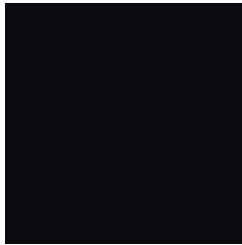
470014



C70039

Previews

White Background



This preview shows how the Hex color 090B10 looks on a white background.

Color Contrast Check

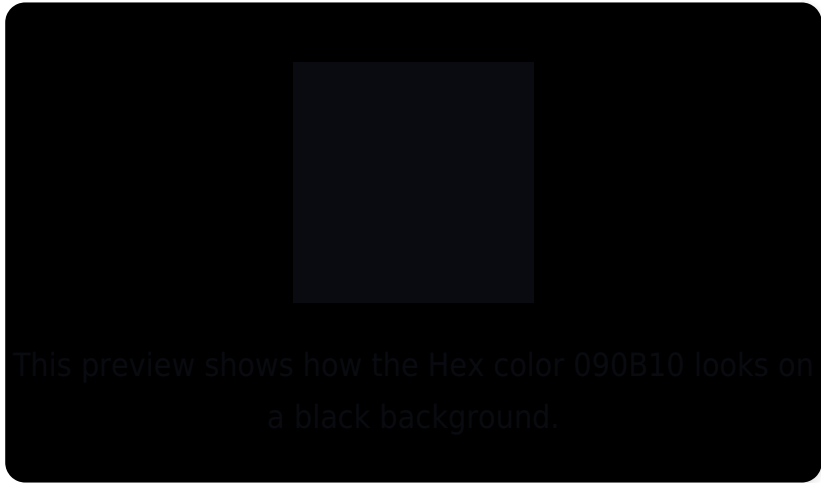
Large Text (above 18pt) WCAG AA ✓ Pass

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

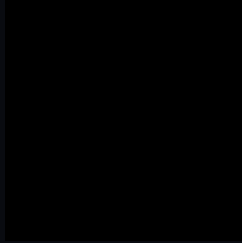
Any Text WCAG AA × Fail

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 090B10 Background



This preview shows how black text looks on a background with the Hex color 090B10.



This preview shows how white text looks on a background with the Hex color 090B10.

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](#).

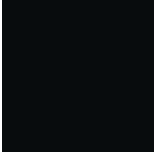
Dichromacy



Original Color
090B10

Protanopia
090B10

Deuteranopia
090B10



Tritanopia
080C0D

Trichromacy



Original Color

090B10

Protanomaly

090B10

Deuteranomaly

090B10

Tritanomaly

080C0E

Monochromacy



Original Color

090B10

Achromatopsia

0B0B0B

Achromatomaly

0A0B0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 090B10 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 #090B10 looks like.

```
.text, #text, p{  
    color:#090B10  
}
```

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 #090B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090B10
}
```

Border

The CSS property to change the border of an element to Hex 090B10 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
#090B10 }
```

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

```
.border{ border-color:#090B10 }
```

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

Here you see how a box with a 4 pixel #090B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090B10; -webkit-box-shadow:4px 4px  
4px 4px #090B10; box-shadow:4px 4px 4px  
4px #090B10 }
```

Background

The CSS property to change the background color of an element to Hex 090B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090B10 }
```

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

```
.background{ background-color:#090B10 }
```

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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