

Converting Colors

Hex(090A0A)

Have a look what the booklet for
Hex(090A0A) contains.

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Color

Hex(090A0A)

Conversions

Conversions Part 1

Format	Color
Hex	090A0A
RGB	9, 10, 10
RGB Percent	4%, 4%, 4%
CMY	0.9647, 0.9608, 0.9608
CMYK	0.10, 0.00, 0.00, 0.96
HSL	180°, 5%, 4%
HSV	180°, 10%, 4%
XYZ	0.2760, 0.2971, 0.3300
YIQ	9.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
RYB	9, 10, 10
Decimal	592394
CIELab	2.68, -0.26, -0.09
CIELCh	3, 0.277, 199.574
Yxy	0.2971, 0.3056, 0.3290
Android (android.graphics.Color)	4278782474 (0xFF090A0A)
YUV	9.7010, 0.1474, -0.6148
Hunter-Lab	5.4504, -0.4999, 0.2261

Details

The Hex color **090A0A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0909**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **363636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080A0A**, and if you desaturate by 10%, it is **0A0A0A**.

Distribution



Red (4%)

Green (4%)

Blue (4%)



Red (4%)

Yellow (4%)

Blue (4%)



Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (96%)



Cyan (96%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090A0A 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 090A0A by changing the saturation by 10% instead.

■ 090A0A

■ 090A0A

■ E9EAEA

■ 000000

■ 363636

■ 4C4D4D

■ 646565

■ 7D7E7E

■ 979898

■ B2B2B2

■ CDCECE

■ 090A0A

■ 090A0A

■ 080A0A

■ 0A0A0A

■ 070A0A

■ 0B0A0A

■ 060A0A

■ 0C0A0A

■ 050A0A

■ 0D0A0A

■ 040A0A

■ 0E0A0A

■ 030A0A

■ 0F0A0A

■ 020A0A

■ 100A0A

■ 010A0A

■ 110A0A

■ 000A0A

■ 120A0A

Harmonies

Triad

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



090A0A



0A0A0A



0A0A09

Complementary

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



090A0A



0A0909

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.



0A0A09



090A0A



0A0A0A

Square

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



090A0A



0A0A0A



0B0A0A



0A0A09

Rectangle

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



090A0A



0B0A0A



0A0A09

Sweetspot

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



090A0A



0C0D0D



090A09



070808



878787



080808

Same Dimension

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



090A0A



0B0D0D



050505



004545



00C4C4

Inverse Universe

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



0A090A



0D0B0D



0A0A09



050505



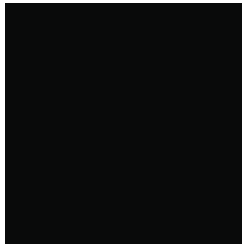
450045



C400C4

Previews

White Background



This preview shows how the Hex color 090A0A looks on a white background.

Color Contrast Check

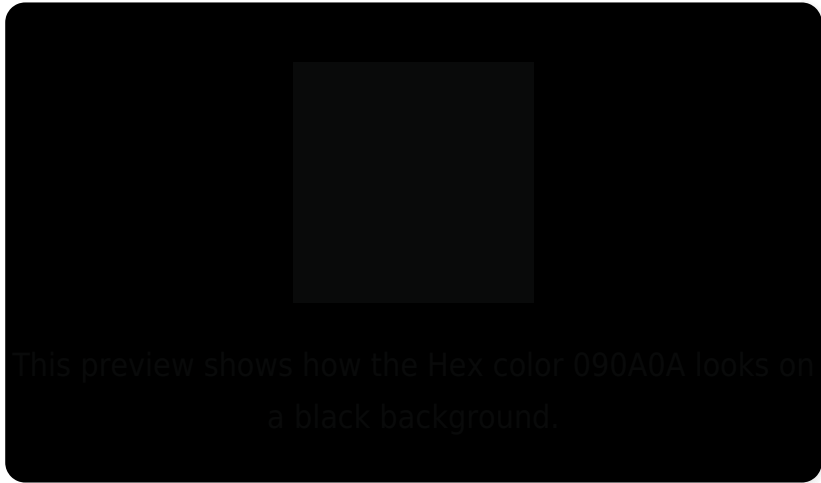
Large Text (above 18pt) WCAG AA ✓ Pass

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

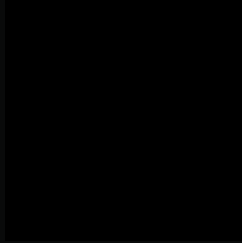
Any Text WCAG AA × Fail

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 090A0A Background



This preview shows how black text looks on a background with the Hex color 090A0A.

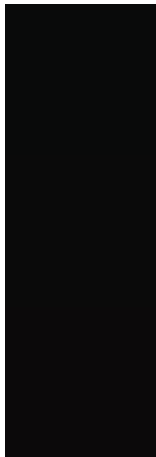


This preview shows how white text looks on a background with the Hex color 090A0A.

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
090A0A

Protanopia
0A0A0A

Deuteranopia
0B090A



Tritanopia
090A0B

Trichromacy



Original Color

090A0A

Protanomaly

0A0A0A

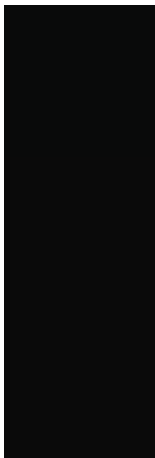
Deuteranomaly

0A090A

Tritanomaly

090A0B

Monochromacy



Original Color

090A0A

Achromatopsia

0A0A0A

Achromatomaly

0A0A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 090A0A 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 #090A0A looks like.

```
.text, #text, p{  
    color:#090A0A  
}
```

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 #090A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090A0A
}
```

Border

The CSS property to change the border of an element to Hex 090A0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

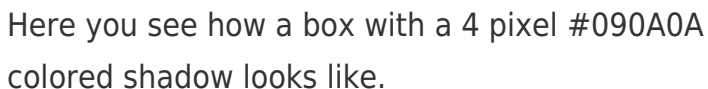
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090A0A }
```

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

```
.border{ border-color:#090A0A }
```

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



Here you see how a box with a 4 pixel #090A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090A0A; -webkit-box-shadow:4px 4px  
4px 4px #090A0A; box-shadow:4px 4px 4px  
4px #090A0A }
```

Background

The CSS property to change the background color of an element to Hex 090A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090A0A }
```

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

```
.background{ background-color:#090A0A }
```

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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