

# Converting Colors

Hex(000A10)

Have a look what the booklet for  
Hex(000A10) contains.

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# Color

**Hex(000A10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	000A10
RGB	0, 10, 16
RGB Percent	0%, 4%, 6%
CMY	1.0000, 0.9608, 0.9373
CMYK	1.00, 0.38, 0.00, 0.94
HSL	202°, 100%, 3%
HSV	202°, 100%, 6%
XYZ	0.2021, 0.2545, 0.5287
YIQ	7.6940, -7.8860, -0.2540

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 6, 16
Decimal	2576
CIELab	2.30, -1.63, -3.60
CIELCh	2, 3.951, 245.615
Yxy	0.2545, 0.2051, 0.2583
Android (android.graphics.Color)	4278192656 (0xFF000A10)
YUV	7.6940, 4.0949, -6.7476
Hunter-Lab	5.0447, -1.6784, -2.6822

# Details

The Hex color **000A10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **100600**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **30363B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000A10**, and if you desaturate by 10%, it is **020B10**.

# Distribution



Red (0%)

Green (4%)

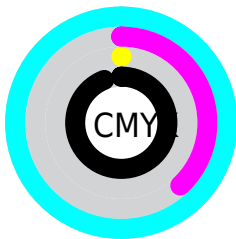
Blue (6%)



Red (0%)

Yellow (2%)

Blue (6%)

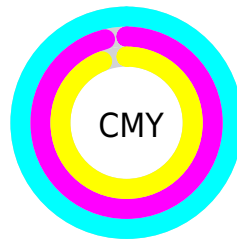


Cyan (100%)

Magenta (38%)

Yellow (0%)

Black (94%)



Cyan (100%)

Magenta (96%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 000A10 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 000A10 by changing the saturation by 10% instead.



 000A10

 000A10

 E2EAF0

 000000

 30363B

 464D51

 5E656A

 777E83

 90989D

 ABB2B8

 C6CED3

 000A10

■ 020B10

■ 030B10

■ 050C10

■ 060C10

■ 080D10

■ 0A0E10

■ 0B0E10

■ 0D0F10

■ 0E0F10

# Harmonies

## Analogous

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



000B0D



000A10



050811

# Triad

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



000A10



110508



060A00

# Complementary

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



000A10



100600

# 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.



0C0800



000A10



120603

# Square

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



000A10



0F060C



100700



010B04

# Rectangle

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



000A10



090710



100700



080900



# Sweetspot

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



000A10



0E1214



001006



07090A



8A8A8A



0A0A0A



# Same Dimension

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



000A10



000D14



000210



070708



002D47



007CC7



# Inverse Universe

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



10000A



14000D



100E00



080707



47002D



C7007C



# Previews

## White Background



This preview shows how the Hex color 000A10 looks on a white background.

## Color Contrast Check

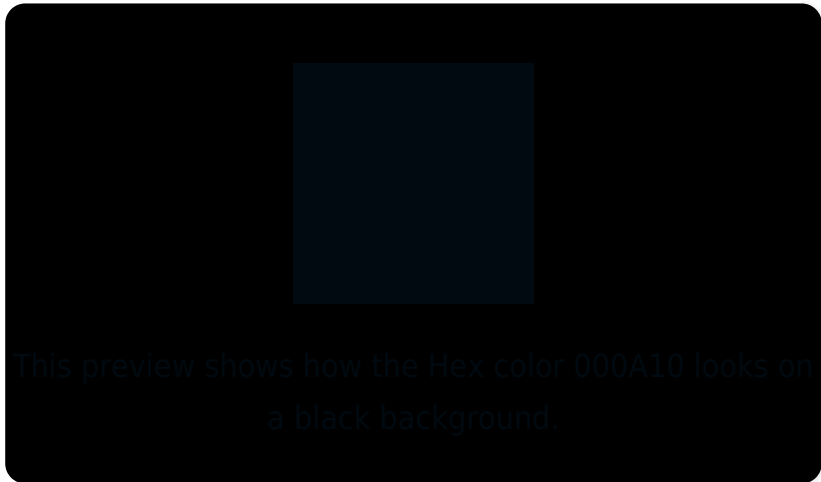
Large Text (above 18pt) WCAG AA ✓ Pass

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

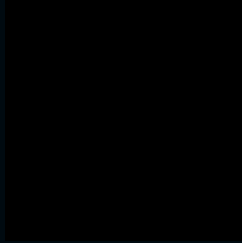
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

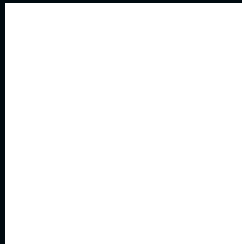
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 000A10 Background



This preview shows how black text looks on a background with the Hex color 000A10.



This preview shows how white text looks on a background with the Hex color 000A10.

# 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**  
000A10

**Protanopia**  
07090F

**Deuteranopia**  
050A10



**Tritanopia**  
000B0B

# Trichromacy



**Original Color**  
000A10

**Protanomaly**  
04090F

**Deuteranomaly**  
030A10

**Tritanomaly**  
000B0D

# Monochromacy



**Original Color**  
000A10

**Achromatopsia**  
080808

**Achromatomaly**  
05090B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000A10 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 #000A10 looks like.

```
.text, #text, p{  
    color:#000A10  
}
```

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 #000A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A10
}
```

## Border

The CSS property to change the border of an element to Hex 000A10 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
#000A10 }
```

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

```
.border{ border-color:#000A10 }
```

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

Here you see how a box with a 4 pixel #000A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A10; -webkit-box-shadow:4px 4px  
4px 4px #000A10; box-shadow:4px 4px 4px  
4px #000A10 }
```

# Background

The CSS property to change the background color of an element to Hex 000A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A10 }
```

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

```
.background{ background-color:#000A10 }
```

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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