

Converting Colors

Hex(101112)

Have a look what the booklet for
Hex(101112) contains.

Hex(101112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(101112)

Conversions

Conversions Part 1

Format	Color
Hex	101112
RGB	16, 17, 18
RGB Percent	6%, 7%, 7%
CMY	0.9373, 0.9333, 0.9294
CMYK	0.11, 0.06, 0.00, 0.93
HSL	210°, 6%, 7%
HSV	210°, 11%, 7%
XYZ	0.5233, 0.5547, 0.6518
YIQ	16.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
RYB	16, 17, 18
Decimal	1052946
CIELab	5.01, -0.16, -0.68
CIELCh	5, 0.702, 256.713
Yxy	0.5547, 0.3025, 0.3207
Android (android.graphics.Color)	4279243026 (0xFF101112)
YUV	16.8150, 0.5842, -0.7148
Hunter-Lab	7.4480, -0.4922, 0.0253

Details

The Hex color **101112** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **121110**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **3B3B3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1012**, and if you desaturate by 10%, it is **121212**.

Distribution



Red (6%)

Green (7%)

Blue (7%)



Red (6%)

Yellow (7%)

Blue (7%)



Cyan (11%)

Magenta (6%)

Yellow (0%)

Black (93%)



Cyan (94%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101112 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 101112 by changing the saturation by 10% instead.

■ 101112

■ 101112

■ F0F1F2

■ 000000

■ 3B3B3C

■ 525253

■ 6A6B6C

■ 838485

■ 9D9E9F

■ B8B9BA

■ D3D4D6

■ 101112

■ 101112

■ 0E1012

■ 121212

■ 0C0F12

■ 141312

■ 0B0E12

■ 151412

■ 090D12

■ 171512

■ 070D12

■ 191512

■ 050C12

■ 1B1612

■ 030B12

■ 1D1712

■ 020A12

■ 1E1812

■ 000912

■ 201912

Harmonies

Analogous

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



101112



111112

Triad

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



101112



121011



101110

Complementary

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



101112



121110

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.



111110



101112



121110

Square

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



101112



121011



121110



101111

Rectangle

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



101112



111112



121110



111110

Sweetspot

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



101112



161717



101211



0C0C0D



8C8C8C



0D0D0D

Same Dimension

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



101112



141517



101012



090A0A



00254A



0065C9

Inverse Universe

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



121011



171415



121210



0A090A



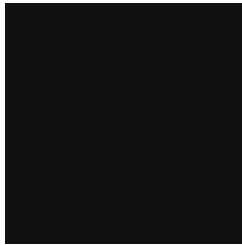
4A0025



C90065

Previews

White Background



This preview shows how the Hex color 101112 looks on a white background.

Color Contrast Check

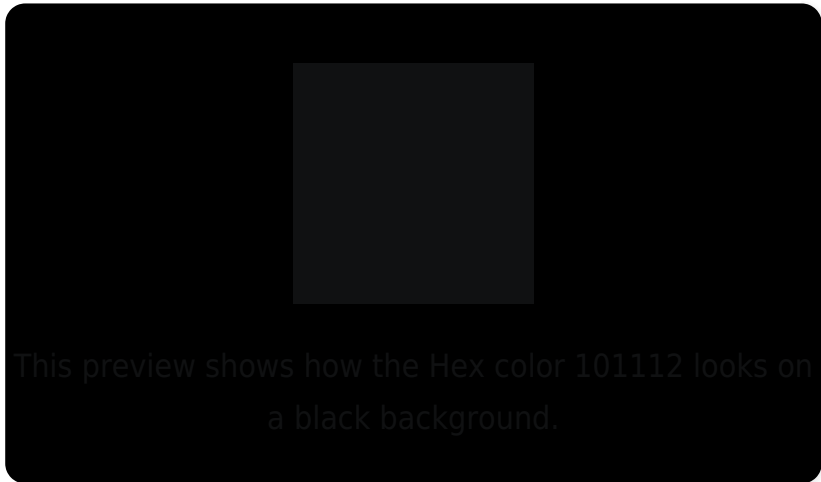
Large Text (above 18pt) WCAG AA ✓ Pass

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

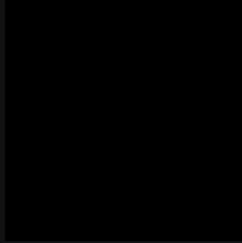
Any Text WCAG AA × Fail

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 101112 Background



This preview shows how black text looks on a background with the Hex color 101112.

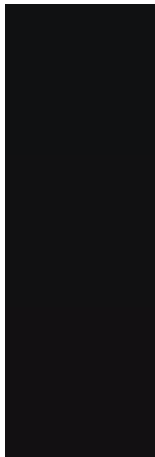


This preview shows how white text looks on a background with the Hex color 101112.

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
101112

Protanopia
111112

Deuteranopia
121012



Tritanopia
101112

Trichromacy



Original Color

101112

Protanomaly

111112

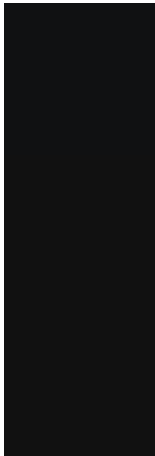
Deuteranomaly

111012

Tritanomaly

101112

Monochromacy



Original Color

101112

Achromatopsia

111111

Achromatomaly

111111

CSS Examples

Text

The CSS property to change the color of the text to Hex 101112 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 #101112 looks like.

```
.text, #text, p{  
    color:#101112  
}
```

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 #101112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101112
}
```

Border

The CSS property to change the border of an element to Hex 101112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

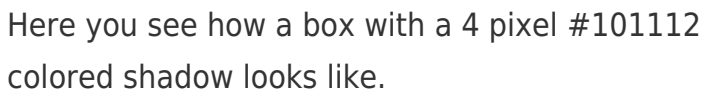
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#101112 }
```

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

```
.border{ border-color:#101112 }
```

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



Here you see how a box with a 4 pixel #101112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101112; -webkit-box-shadow:4px 4px  
4px 4px #101112; box-shadow:4px 4px 4px  
4px #101112 }
```

Background

The CSS property to change the background color of an element to Hex 101112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101112 }
```

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

```
.background{ background-color:#101112 }
```

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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