

Converting Colors

Hex(102314)

Have a look what the booklet for
Hex(102314) contains.

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Color

Hex(102314)

Conversions

Conversions Part 1

Format	Color
Hex	102314
RGB	16, 35, 20
RGB Percent	6%, 14%, 8%
CMY	0.9373, 0.8627, 0.9216
CMYK	0.54, 0.00, 0.43, 0.86
HSL	133°, 37%, 10%
HSV	133°, 54%, 14%
XYZ	0.9410, 1.3627, 0.8753
YIQ	27.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

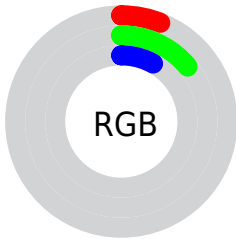
Format	Color
RYB	16, 32, 35
Decimal	1057556
CIELab	11.71, -12.07, 7.67
CIELCh	12, 14.295, 147.571
Yxy	1.3627, 0.2960, 0.4287
Android (android.graphics.Color)	4279247636 (0xFF102314)
YUV	27.6090, -3.7512, -10.1811
Hunter-Lab	11.6736, -6.0403, 3.7261

Details

The Hex color **102314** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23101F**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **3B503E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2311**, and if you desaturate by 10%, it is **142317**.

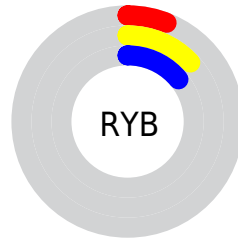
Distribution



Red (6%)

Green (14%)

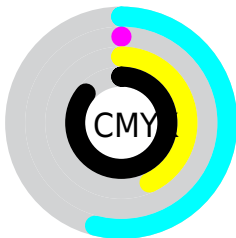
Blue (8%)



Red (6%)

Yellow (13%)

Blue (14%)

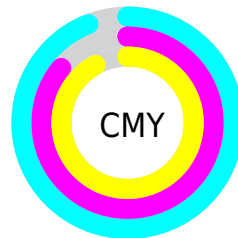


Cyan (54%)

Magenta (0%)

Yellow (43%)

Black (86%)



Cyan (94%)

Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102314 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 102314 by changing the saturation by 10% instead.

 102314

 102314

 F1FFF5

 000C00

 3B503E

 000000

 526855

 6B816E

 849B87

 9EB6A1

 B9D1BC

 D5EED8

 102314

 102314

■ 0D2311

■ 142317

■ 09230E

■ 17231A

■ 05230C

■ 1B231C

■ 022309

■ 1E231F

■ 002307

■ 222322

■ 252325

■ 292327

■ 2C232A

■ 30232D

Harmonies

Analogous

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



1C210B



102314



02241E

Triad

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



102314



0D2032



311816

Complementary

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



102314



23101F

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.



311720



102314



1F1D30

Square

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



102314



00232F



2A192A



2E1B0D

Rectangle

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



102314



002424



2A192A



32171A

Sweetspot

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



102314



272E28



1F2310



131714



969696



171717

Same Dimension

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



102314



102E16



10231D



101210



005211



00D12C

Inverse Universe

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



23101F



2E1028



231016



121011



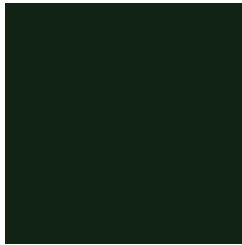
520040



D100A5

Previews

White Background



This preview shows how the Hex color 102314 looks on a white background.

Color Contrast Check

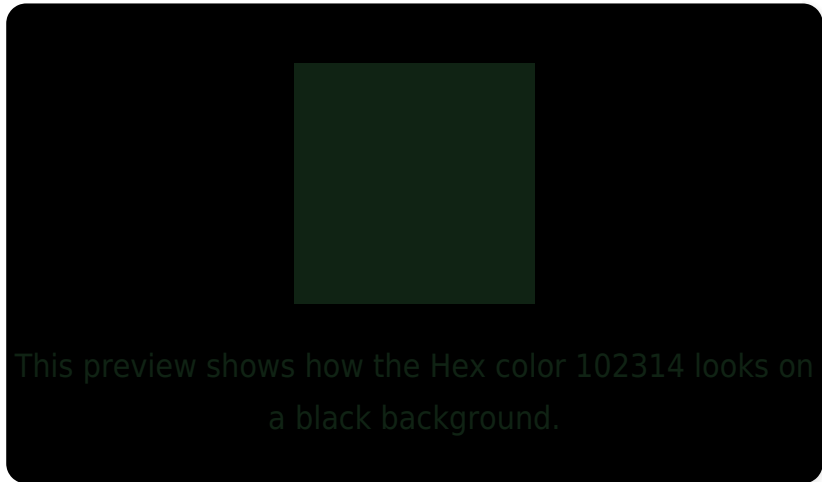
Large Text (above 18pt) WCAG AA ✓ Pass

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

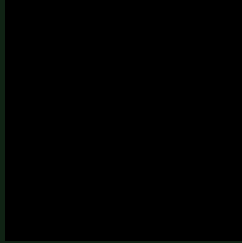
Any Text WCAG AA × Fail

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 102314 Background



This preview shows how black text looks on a background with the Hex color 102314.



This preview shows how white text looks on a background with the Hex color 102314.

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
102314

Protanopia
221F12

Deuteranopia
251E15



Tritanopia
142124

Trichromacy



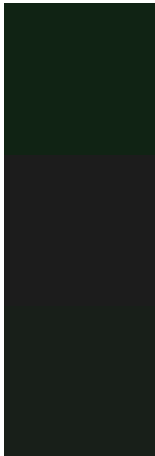
Original Color
102314

Protanomaly
1B2013

Deuteranomaly
1D2015

Tritanomaly
13221E

Monochromacy



Original Color
102314

Achromatopsia
1C1C1C

Achromatomaly
181F19

CSS Examples

Text

The CSS property to change the color of the text to Hex 102314 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 #102314 looks like.

```
.text, #text, p{  
    color:#102314  
}
```

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 #102314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102314
}
```

Border

The CSS property to change the border of an element to Hex 102314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

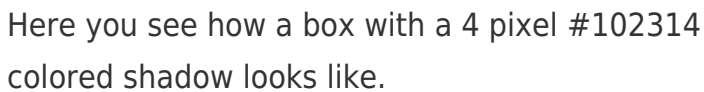
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102314 }
```

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

```
.border{ border-color:#102314 }
```

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



Here you see how a box with a 4 pixel #102314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102314; -webkit-box-shadow:4px 4px  
4px 4px #102314; box-shadow:4px 4px 4px  
4px #102314 }
```

Background

The CSS property to change the background color of an element to Hex 102314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102314 }
```

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

```
.background{ background-color:#102314 }
```

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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