

Converting Colors

Hex(102023)

Have a look what the booklet for
Hex(102023) contains.

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Color

Hex(102023)

Conversions

Conversions Part 1

Format	Color
Hex	102023
RGB	16, 32, 35
RGB Percent	6%, 13%, 14%
CMY	0.9373, 0.8745, 0.8627
CMYK	0.54, 0.09, 0.00, 0.86
HSL	189°, 37%, 10%
HSV	189°, 54%, 14%
XYZ	1.0336, 1.2645, 1.7797
YIQ	27.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

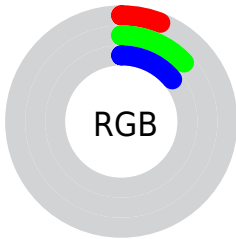
Format	Color
RYB	16, 25, 35
Decimal	1056803
CIELab	11.03, -5.71, -4.16
CIElCh	11, 7.069, 216.067
Yxy	1.2645, 0.2535, 0.3101
Android (android.graphics.Color)	4279246883 (0xFF102023)
YUV	27.5580, 3.6689, -10.1364
Hunter-Lab	11.2451, -3.2726, -1.5119

Details

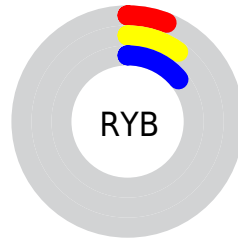
The Hex color **102023** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **231310**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **3B4C4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1F23**, and if you desaturate by 10%, it is **142123**.

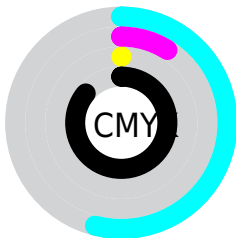
Distribution



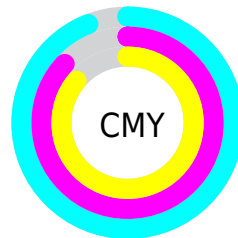
- Red (6%)
- Green (13%)
- Blue (14%)



- Red (6%)
- Yellow (10%)
- Blue (14%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (86%)



- Cyan (94%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102023 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 102023 by changing the saturation by 10% instead.

■ 102023

■ 102023

■ F2FFFF

■ 00080D

■ 3B4C4F

■ 000000

■ 526467

■ 6B7D80

■ 84979A

■ 9EB1B5

■ B9CDD1

■ D5E9ED

■ 102023

■ 102023

■ 0D1F23

■ 142123

■ 091F23

■ 172123

■ 051E23

■ 1B2223

■ 021E23

■ 1E2223

■ 001D23

■ 222323

■ 252323

■ 292423

■ 2C2423

■ 302523

Harmonies

Analogous

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



11201E



102023



131F26

Triad

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



102023



251B22



201E14

Complementary

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



102023



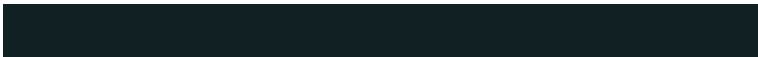
231310

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.



251C15



102023



271A1D

Square

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



102023



201C25



271B18



1B1F16

Rectangle

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



102023



171E27



271B18



221D14

Sweetspot

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



102023



272D2E



102313



131617



969696



171717

Same Dimension

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



102023



10292E



101723



101212



004552



00B0D1

Inverse Universe

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



231020



2E1029



231C10



121012



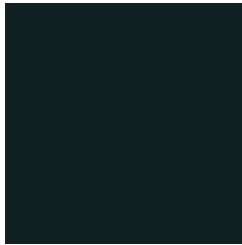
520045



D100B0

Previews

White Background



This preview shows how the Hex color 102023 looks on a white background.

Color Contrast Check

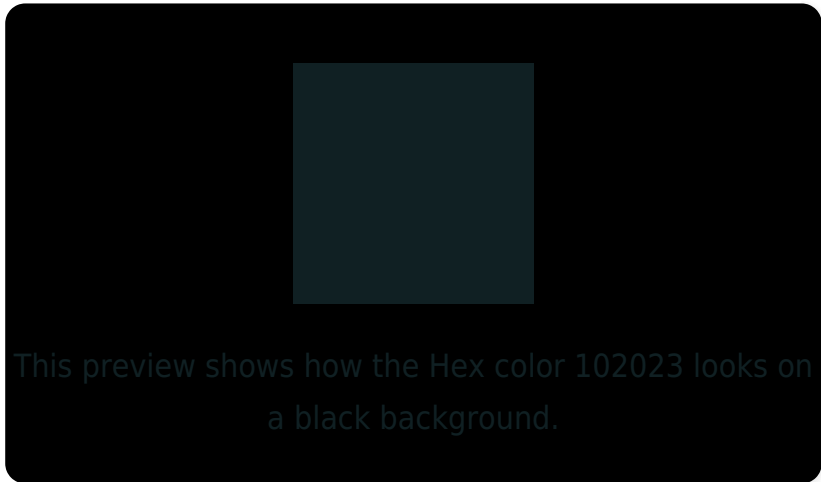
Large Text (above 18pt) WCAG AA ✓ Pass

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

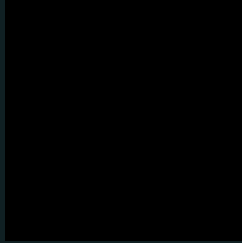
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

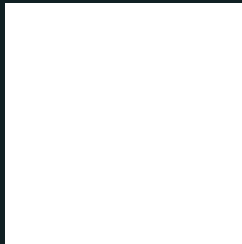
Any Text WCAG AAA × Fail

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

Hex 102023 Background



This preview shows how black text looks on a background with the Hex color 102023.



This preview shows how white text looks on a background with the Hex color 102023.

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
102023

Protanopia
1D1D21

Deuteranopia
1D1D24

Trichromacy



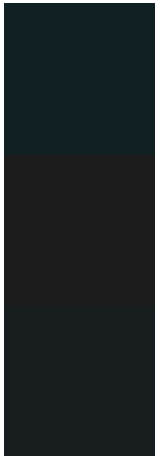
Original Color
102023

Protanomaly
181E22

Deuteranomaly
181E24

Tritanomaly
102023

Monochromacy



Original Color
102023

Achromatopsia
1C1C1C

Achromatomaly
181D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 102023 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 #102023 looks like.

```
.text, #text, p{  
    color:#102023  
}
```

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 #102023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102023
}
```

Border

The CSS property to change the border of an element to Hex 102023 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
#102023 }
```

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

```
.border{ border-color:#102023 }
```

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

Here you see how a box with a 4 pixel #102023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102023; -webkit-box-shadow:4px 4px  
4px 4px #102023; box-shadow:4px 4px 4px  
4px #102023 }
```

Background

The CSS property to change the background color of an element to Hex 102023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102023 }
```

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

```
.background{ background-color:#102023 }
```

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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