

Converting Colors

Hex(102A15)

Have a look what the booklet for
Hex(102A15) contains.

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Color

Hex(102A15)

Conversions

Conversions Part 1

Format	Color
Hex	102A15
RGB	16, 42, 21
RGB Percent	6%, 16%, 8%
CMY	0.9373, 0.8353, 0.9176
CMYK	0.62, 0.00, 0.50, 0.84
HSL	132°, 45%, 11%
HSV	132°, 62%, 16%
XYZ	1.1770, 1.8202, 0.9988
YIQ	31.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

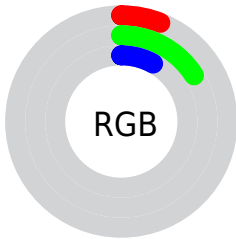
Format	Color
RYB	16, 38, 42
Decimal	1059349
CIELab	14.51, -15.85, 10.74
CIELCh	15, 19.147, 145.865
Yxy	1.8202, 0.2945, 0.4555
Android (android.graphics.Color)	4279249429 (0xFF102A15)
YUV	31.8320, -5.3402, -13.8847
Hunter-Lab	13.4916, -8.0379, 5.0549

Details

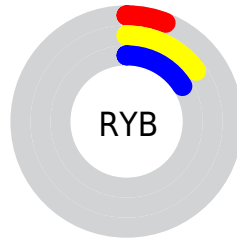
The Hex color **102A15** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A1025**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3C5840**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2A12**, and if you desaturate by 10%, it is **142A18**.

Distribution



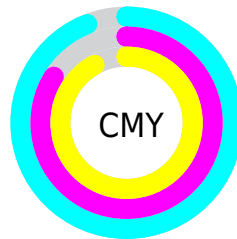
- Red (6%)
- Green (16%)
- Blue (8%)



- Red (6%)
- Yellow (15%)
- Blue (16%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)
- Black (84%)



- Cyan (94%)
- Magenta (84%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102A15 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 102A15 by changing the saturation by 10% instead.

 102A15

 102A15

 F4FFF7

 001700

 3C5840

 000000

 547057

 6D8A6F

 86A489

 A0BFA3

 BCDBBE

 D7F8DA

 102A15

 102A15

■ 0C2A12

■ 142A18

■ 082A0E

■ 182A1C

■ 032A0B

■ 1D2A1F

■ 002A08

■ 212A23

■ 252A26

■ 292A29

■ 2D2A2D

■ 322A30

■ 362A34

Harmonies

Analogous

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



212709



102A15



002B22

Triad

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



102A15



04273F



3D1A1A

Complementary

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



102A15



2A1025

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.



3C1927



102A15



22223D

Square

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



102A15



002A3B



331D34



381E0E

Rectangle

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



102A15



002B2C



331D34



3E191E

Sweetspot

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



102A15



2B362D



252A10



161C17



9C9C9C



1C1C1C

Same Dimension

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



102A15



0E3616



102A22



121413



005410



00D429

Inverse Universe

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



2A1025



360E2E



2A1018



141214



540044



D400AB

Previews

White Background



This preview shows how the Hex color 102A15 looks on a white background.

Color Contrast Check

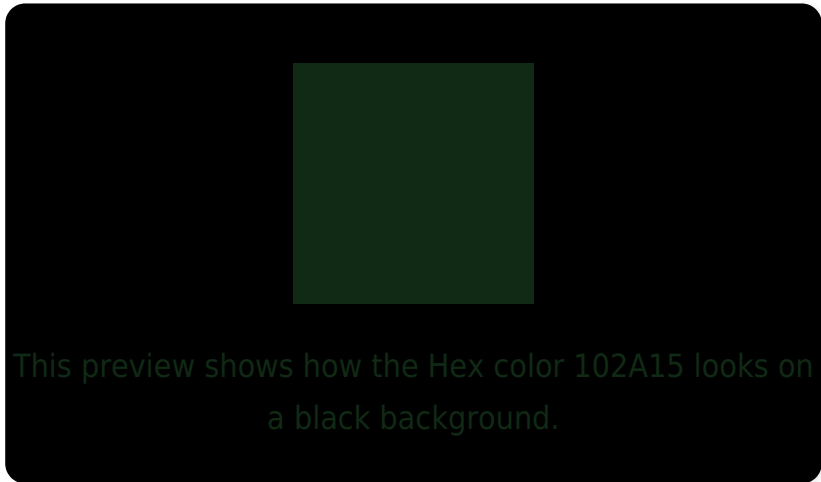
Large Text (above 18pt) WCAG AA ✓ Pass

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

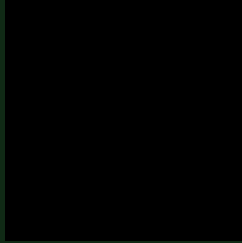
Any Text WCAG AA × Fail

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 102A15 Background



This preview shows how black text looks on a background with the Hex color 102A15.



This preview shows how white text looks on a background with the Hex color 102A15.

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
102A15

Protanopia
292513

Deuteranopia
2D2317



Tritanopia
16282B

Trichromacy



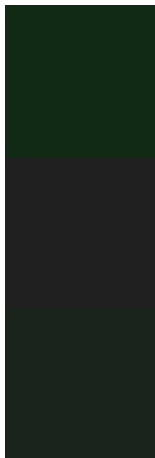
Original Color
102A15

Protanomaly
202714

Deuteranomaly
222616

Tritanomaly
142923

Monochromacy



Original Color
102A15

Achromatopsia
202020

Achromatomaly
1A241C

CSS Examples

Text

The CSS property to change the color of the text to Hex 102A15 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 #102A15 looks like.

```
.text, #text, p{  
    color:#102A15  
}
```

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 #102A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102A15
}
```

Border

The CSS property to change the border of an element to Hex 102A15 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".

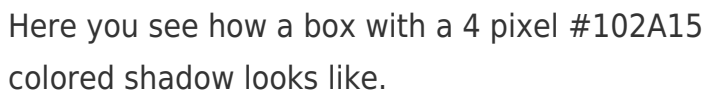
```
.border, #border, table{ border:4px solid
#102A15 }
```

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

```
.border{ border-color:#102A15 }
```

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

Here you see how a box with a 4 pixel #102A15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102A15; -webkit-box-shadow:4px 4px  
4px 4px #102A15; box-shadow:4px 4px 4px  
4px #102A15 }
```

Background

The CSS property to change the background color of an element to Hex 102A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102A15 }
```

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

```
.background{ background-color:#102A15 }
```

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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