

Converting Colors

Hex(0A3E18)

Have a look what the booklet for
Hex(0A3E18) contains.

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Color

Hex(0A3E18)

Conversions

Conversions Part 1

Format	Color
Hex	0A3E18
RGB	10, 62, 24
RGB Percent	4%, 24%, 9%
CMY	0.9608, 0.7569, 0.9059
CMYK	0.84, 0.00, 0.61, 0.76
HSL	136°, 72%, 14%
HSV	136°, 84%, 24%
XYZ	2.0127, 3.5757, 1.4483
YIQ	42.1200, -18.7940, -22.8420

Conversions

Conversions Part 2

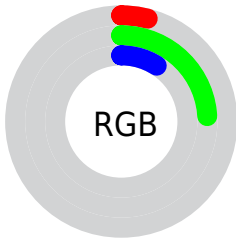
Format	Color
R_YB	10, 51, 62
Decimal	671256
CIE _{Lab}	22.22, -26.40, 18.50
CIE _{LCh}	22, 32.234, 144.970
Yxy	3.5757, 0.2860, 0.5082
Android (android.graphics.Color)	4278861336 (0xFF0A3E18)
YUV	42.1200, -8.9332, -28.1692
Hunter-Lab	18.9096, -14.0929, 8.6958

Details

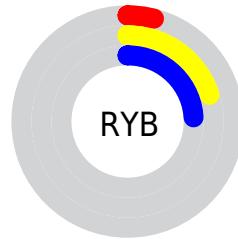
The Hex color **0A3E18** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E0A30**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3D6E44**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **043E13**, and if you desaturate by 10%, it is **103E1D**.

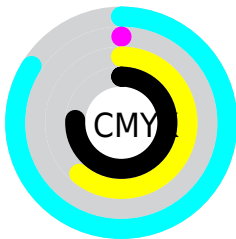
Distribution



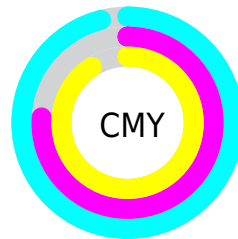
- Red (4%)
- Green (24%)
- Blue (9%)



- Red (4%)
- Yellow (20%)
- Blue (24%)



- Cyan (84%)
- Magenta (0%)
- Yellow (61%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3E18 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 0A3E18 by changing the saturation by 10% instead.

 0A3E18

 0A3E18

 F9FFFD

 002800

 3D6E44

 000F00

 56885C

 000000

 70A275

 8ABE8E

 A5D9A9

 C0F6C4

 DDFFE0

 0A3E18

 0A3E18

■ 043E13

■ 103E1D

■ 003E11

■ 163E21

■ 1D3E26

■ 233E2A

■ 293E2F

■ 2F3E33

■ 353E38

■ 3C3E3C

■ 423E41

Harmonies

Analogous

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



2E3A03



0A3E18



004030

Triad

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



0A3E18



003965



5F2022

Complementary

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



0A3E18



3E0A30

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.



5E1E3A



0A3E18



2D3161

Square

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



0A3E18



003E5C



4E2651



56290D

Rectangle

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



0A3E18



004041



4E2651



601E2A

Sweetspot

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



0A3E18



3D5243



303E0A



1D2920



A8A8A8



292929

Same Dimension

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



0A3E18



005216



0A3E32



1C1F1C



005E19



00DE3C

Inverse Universe

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



3E0A30



52003C



3E0A16



1F1C1E



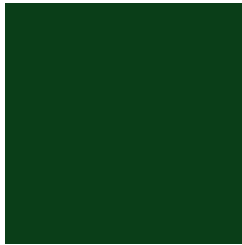
5E0045



DE00A2

Previews

White Background



This preview shows how the Hex color 0A3E18 looks on a white background.

Color Contrast Check

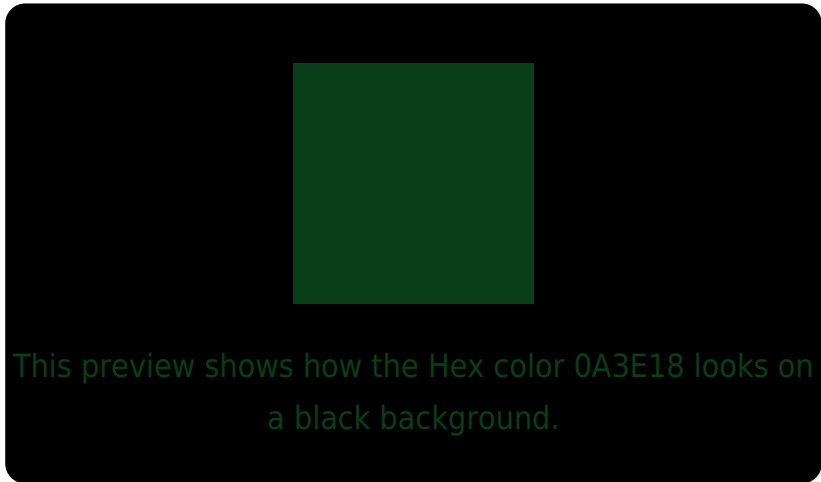
Large Text (above 18pt) WCAG AA ✓ Pass

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

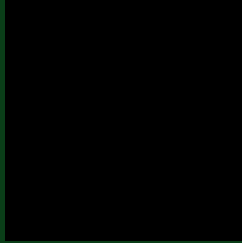
Any Text WCAG AA × Fail

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 0A3E18 Background



This preview shows how black text looks on a background with the Hex color 0A3E18.



This preview shows how white text looks on a background with the Hex color 0A3E18.

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
0A3E18

Protanopia
3B3515

Deuteranopia
42331B



Tritanopia
1A3A3F

Trichromacy



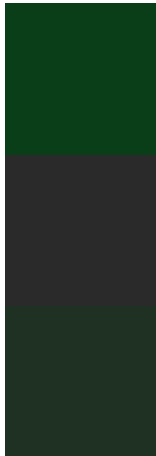
Original Color
0A3E18

Protanomaly
293816

Deuteranomaly
2E371A

Tritanomaly
143B31

Monochromacy



Original Color
0A3E18

Achromatopsia
2A2A2A

Achromatomaly
1E3123

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3E18 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 #0A3E18 looks like.

```
.text, #text, p{  
    color:#0A3E18  
}
```

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 #0A3E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3E18
}
```

Border

The CSS property to change the border of an element to Hex 0A3E18 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
#0A3E18 }
```

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

```
.border{ border-color:#0A3E18 }
```

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

Here you see how a box with a 4 pixel #0A3E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3E18; -webkit-box-shadow:4px 4px  
4px 4px #0A3E18; box-shadow:4px 4px 4px  
4px #0A3E18 }
```

Background

The CSS property to change the background color of an element to Hex 0A3E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3E18 }
```

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

```
.background{ background-color:#0A3E18 }
```

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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