

Converting Colors

Hex(0A3644)

Have a look what the booklet for
Hex(0A3644) contains.

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Color

Hex(0A3644)

Conversions

Conversions Part 1

Format	Color
Hex	0A3644
RGB	10, 54, 68
RGB Percent	4%, 21%, 27%
CMY	0.9608, 0.7882, 0.7333
CMYK	0.85, 0.21, 0.00, 0.73
HSL	194°, 74%, 15%
HSV	194°, 85%, 27%
XYZ	2.4877, 3.1202, 5.9400
YIQ	42.4400, -30.7180, -4.9740

Conversions

Conversions Part 2

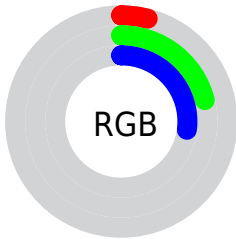
Format	Color
R_{YB}	10, 35, 68
Decimal	669252
CIE Lab	20.52, -8.96, -12.89
CIE LCh	21, 15.695, 235.206
Yxy	3.1202, 0.2154, 0.2702
Android (android.graphics.Color)	4278859332 (0xFF0A3644)
YUV	42.4400, 12.6011, -28.4499
Hunter-Lab	17.6641, -5.7732, -7.5728

Details

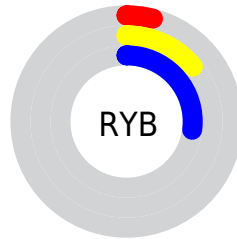
The Hex color **0A3644** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44180A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3F6574**, and **00051A** is the 20% darker color. If you saturate the color by 10%, you get **033444**, and if you desaturate by 10%, it is **113844**.

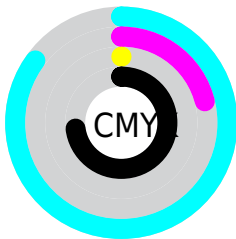
Distribution



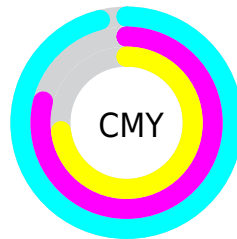
- Red (4%)
- Green (21%)
- Blue (27%)



- Red (4%)
- Yellow (14%)
- Blue (27%)



- Cyan (85%)
- Magenta (21%)
- Yellow (0%)
- Black (73%)



- Cyan (96%)
- Magenta (79%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3644 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 0A3644 by changing the saturation by 10% instead.

0A3644

0A3644

FCFFFF

00212E

3F6574

00051A

587E8E

000000

7198A8

8CB2C3

A7CEDF

C2EAFC

DFFFFFF

0A3644

0A3644

■ 033444

■ 113844

■ 003444

■ 183944

■ 1E3B44

■ 253D44

■ 2C3E44

■ 334044

■ 3A4144

■ 404344

■ 474544

Harmonies

Analogous

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



05373B



0A3644



1E3348

Triad

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



0A3644



462934



2F341C

Complementary

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



0A3644



44180A

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.



3B301A



0A3644



482928

Square

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



0A3644



3E2B3F



442C1F



223624

Rectangle

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



0A3644



2A3148



442C1F



33331B

Sweetspot

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



0A3644



425459



0A4418



202A2E



ADADAD



2E2E2E

Same Dimension

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



0A3644



004459



0A1944



1E2021



004A61



00AAE0

Inverse Universe

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



440A36



590044



44350A



211E20



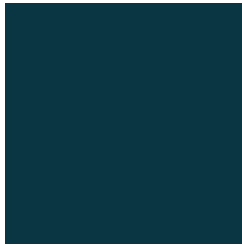
61004A



E000AA

Previews

White Background



This preview shows how the Hex color 0A3644 looks on a white background.

Color Contrast Check

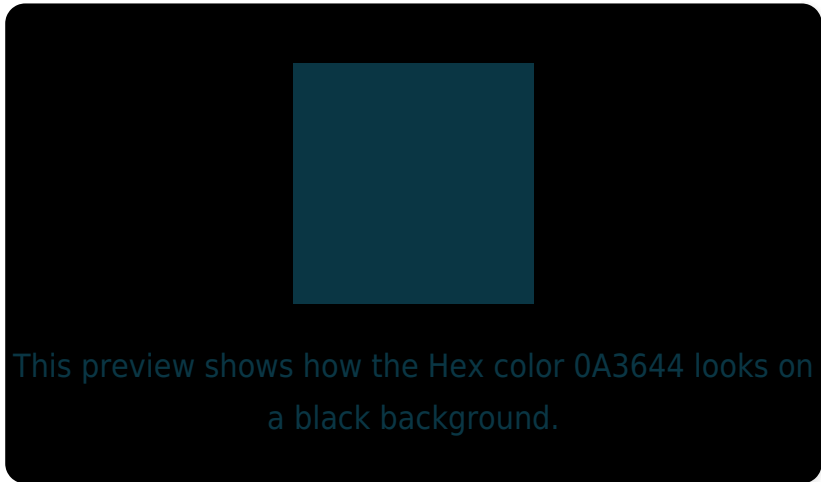
Large Text (above 18pt) WCAG AA ✓ Pass

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

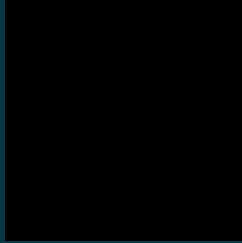
Any Text WCAG AA × Fail

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 0A3644 Background



This preview shows how black text looks on a background with the Hex color 0A3644.



This preview shows how white text looks on a background with the Hex color 0A3644.

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
0A3644

Protanopia
2E3140

Deuteranopia
2B3145

Trichromacy



Original Color

0A3644

Protanomaly

213341

Deuteranomaly

1F3345

Tritanomaly

04373F

Monochromacy



Original Color

0A3644

Achromatopsia

2A2A2A

Achromatomaly

1E2E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3644 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 #0A3644 looks like.

```
.text, #text, p{  
    color:#0A3644  
}
```

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 #0A3644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3644
}
```

Border

The CSS property to change the border of an element to Hex 0A3644 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
#0A3644 }
```

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

```
.border{ border-color:#0A3644 }
```

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

Here you see how a box with a 4 pixel #0A3644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3644; -webkit-box-shadow:4px 4px  
4px 4px #0A3644; box-shadow:4px 4px 4px  
4px #0A3644 }
```

Background

The CSS property to change the background color of an element to Hex 0A3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3644 }
```

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

```
.background{ background-color:#0A3644 }
```

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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