

Converting Colors

Hex(10343A)

Have a look what the booklet for
Hex(10343A) contains.

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Color

Hex(10343A)

Conversions

Conversions Part 1

Format	Color
Hex	10343A
RGB	16, 52, 58
RGB Percent	6%, 20%, 23%
CMY	0.9373, 0.7961, 0.7725
CMYK	0.72, 0.10, 0.00, 0.77
HSL	189°, 57%, 15%
HSV	189°, 72%, 23%
XYZ	2.2054, 2.8716, 4.4410
YIQ	41.9200, -23.3820, -5.7660

Conversions

Conversions Part 2

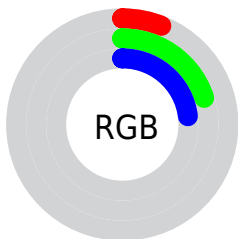
Format	Color
R_{YB}	16, 35, 58
Decimal	1061946
CIE _{Lab}	19.52, -10.50, -7.60
CIE _{LCh}	20, 12.963, 215.890
Yxy	2.8716, 0.2317, 0.3017
Android (android.graphics.Color)	4279252026 (0xFF10343A)
YUV	41.9200, 7.9274, -22.7318
Hunter-Lab	16.9459, -6.4247, -3.6761

Details

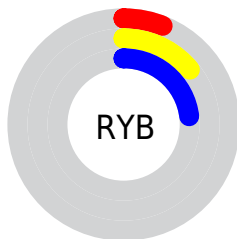
The Hex color **10343A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1610**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **406369**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **0A333A**, and if you desaturate by 10%, it is **16353A**.

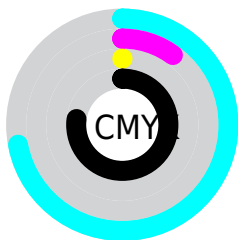
Distribution



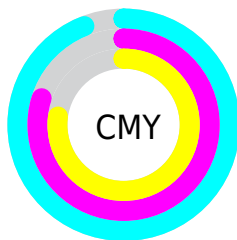
- Red (6%)
- Green (20%)
- Blue (23%)



- Red (6%)
- Yellow (14%)
- Blue (23%)



- Cyan (72%)
- Magenta (10%)
- Yellow (0%)
- Black (77%)



- Cyan (94%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10343A 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 10343A by changing the saturation by 10% instead.

 10343A

 10343A

 FCFFFF

 001F24

 406369

 000110

 597C82

 000000

 72959C

 8CB0B7

 A7CBD3

 C2E8EF

 DFFFFF

 10343A

 10343A

■ 0A333A

■ 16353A

■ 04323A

■ 1C363A

■ 00323A

■ 21363A

■ 27373A

■ 2D383A

■ 33393A

■ 393A3A

■ 3E3B3A

■ 443B3A

Harmonies

Analogous

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



143431



10343A



183240

Triad

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



10343A



3D2937



342F1C

Complementary

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



10343A



3A1610

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.



3C2C1E



10343A



42282E

Square

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



10343A



332C3F



412925



2A3220

Rectangle

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



10343A



213142



412925



372E1C

Sweetspot

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



10343A



3C4A4D



103A16



1C2526



A6A6A6



262626

Same Dimension

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



10343A



0A434D



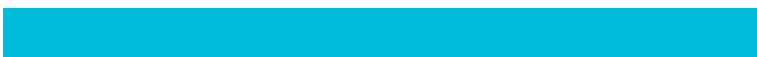
101F3A



191C1C



004F5C



00BCDB

Inverse Universe

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



3A1034



4D0A43



3A2B10



1C191C



5C004F



DB00BC

Previews

White Background



This preview shows how the Hex color 10343A looks on a white background.

Color Contrast Check

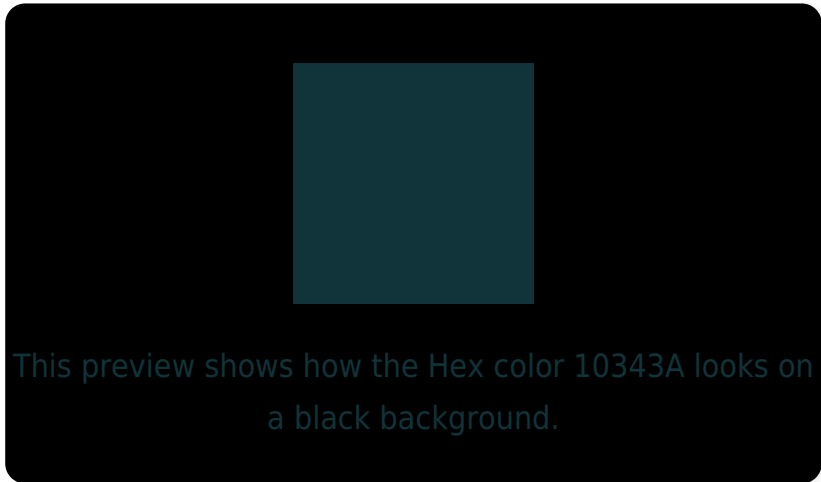
Large Text (above 18pt) WCAG AA ✓ Pass

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

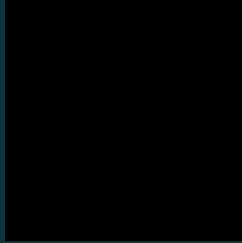
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

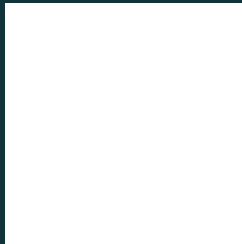
Any Text WCAG AAA × Fail

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

Hex 10343A Background



This preview shows how black text looks on a background with the Hex color 10343A.



This preview shows how white text looks on a background with the Hex color 10343A.

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](#).

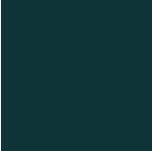
Dichromacy



Original Color
10343A

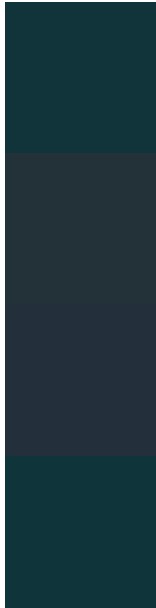
Protanopia
2E2F37

Deuteranopia
2E2E3B



Tritanopia
0F3438

Trichromacy



Original Color
10343A

Protanomaly
233138

Deuteranomaly
23303B

Tritanomaly
0F3439

Monochromacy



Original Color
10343A

Achromatopsia
2A2A2A

Achromatomaly
212E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 10343A 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 #10343A looks like.

```
.text, #text, p{  
    color:#10343A  
}
```

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 #10343A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10343A
}
```

Border

The CSS property to change the border of an element to Hex 10343A 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
#10343A }
```

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

```
.border{ border-color:#10343A }
```

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

Here you see how a box with a 4 pixel #10343A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10343A; -webkit-box-shadow:4px 4px  
4px 4px #10343A; box-shadow:4px 4px 4px  
4px #10343A }
```

Background

The CSS property to change the background color of an element to Hex 10343A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10343A }
```

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

```
.background{ background-color:#10343A }
```

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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