

Converting Colors

Hex(0A453F)

Have a look what the booklet for
Hex(0A453F) contains.

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Color

Hex(0A453F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0A453F |
| RGB | 10, 69, 63 |
| RGB Percent | 4%, 27%, 25% |
| CMY | 0.9608, 0.7294, 0.7529 |
| CMYK | 0.86, 0.00, 0.09, 0.73 |
| HSL | 174°, 75%, 15% |
| HSV | 174°, 86%, 27% |
| XYZ | 3.1505, 4.6797, 5.4398 |
| YIQ | 50.6750, -33.2380, -14.3740 |

Conversions

Conversions Part 2

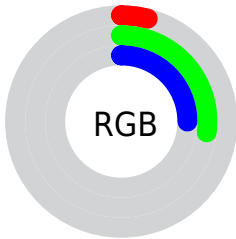
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 10, 41, 69 |
| Decimal | 673087 |
| CIELab | 25.80, -19.57, -1.59 |
| CIELCh | 26, 19.631, 184.643 |
| Yxy | 4.6797, 0.2374, 0.3526 |
| Android (android.graphics.Color) | 4278863167 (0xFF0A453F) |
| YUV | 50.6750, 6.0762, -35.6720 |
| Hunter-Lab | 21.6325, -11.8606, 0.2333 |

Details

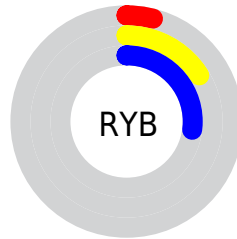
The Hex color **0A453F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450A10**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **41766F**, and **001B15** is the 20% darker color. If you saturate the color by 10%, you get **03453E**, and if you desaturate by 10%, it is **114540**.

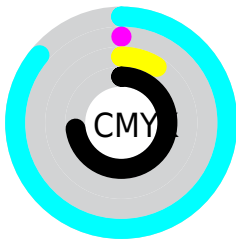
Distribution



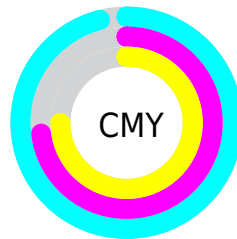
- Red (4%)
- Green (27%)
- Blue (25%)



- Red (4%)
- Yellow (16%)
- Blue (27%)



- Cyan (86%)
- Magenta (0%)
- Yellow (9%)
- Black (73%)



- Cyan (96%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A453F 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 0A453F by changing the saturation by 10% instead.



0A453F



0A453F

FFFFFF



002E29



41766F



001B15



5A8F88



000000



74AAA2



8EC5BD



AAE1D9



C5FEF5



E2FFFF



0A453F



0A453F

■ 03453E

■ 114540

■ 00453E

■ 184540

■ 1F4541

■ 264542

■ 2D4543

■ 334543

■ 3A4544

■ 414545

■ 484545

Harmonies

Analogous

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



224430



0A453F



00444E

Triad

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



0A453F



423856



513822

Complementary

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



0A453F



450A10

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.



59332D



0A453F



52334A

Square

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



0A453F



2B3E5B



59313B



443D1F

Rectangle

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



0A453F



014355



59313B



543625

Sweetspot

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



0A453F



425957



11450A



202E2C



ADADAD



2E2E2E

Same Dimension

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



0A453F



005950



0A2E45



202423



006359



00E3CC

Inverse Universe

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



450A10



590009



45210A



242020



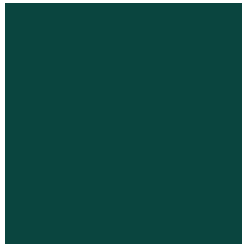
63000A



E30017

Previews

White Background



This preview shows how the Hex color 0A453F looks on a white background.

Color Contrast Check

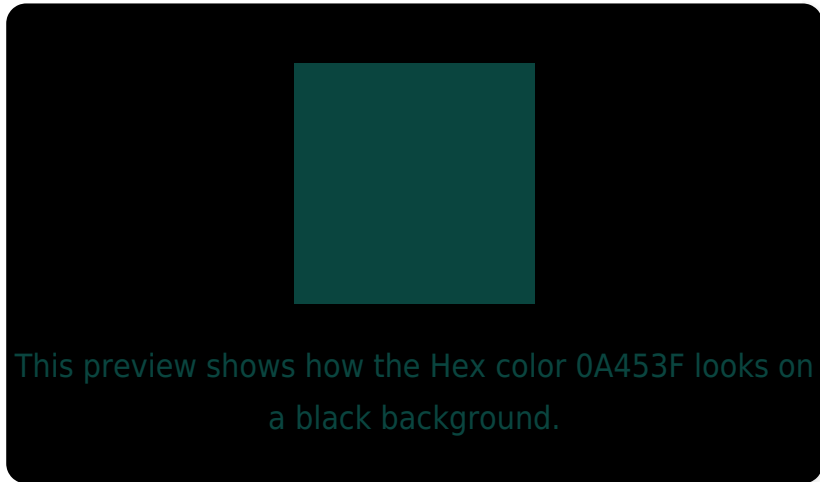
Large Text (above 18pt) WCAG AA ✓ Pass

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

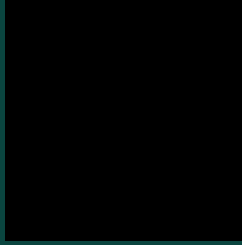
Any Text WCAG AA × Fail

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 0A453F Background



This preview shows how black text looks on a background with the Hex color 0A453F.



This preview shows how white text looks on a background with the Hex color 0A453F.

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](#).

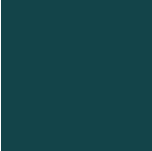
Dichromacy



Original Color
0A453F

Protanopia
3F3D3A

Deuteranopia
413B41



Tritanopia
134449

Trichromacy



Original Color
0A453F

Protanomaly
2C403C

Deuteranomaly
2D3F40

Tritanomaly
104445

Monochromacy



Original Color
0A453F

Achromatopsia
333333

Achromatomaly
243A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A453F 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 #0A453F looks like.

```
.text, #text, p{  
    color:#0A453F  
}
```

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 #0A453F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A453F
}
```

Border

The CSS property to change the border of an element to Hex 0A453F 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
#0A453F }
```

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

```
.border{ border-color:#0A453F }
```

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

Here you see how a box with a 4 pixel #0A453F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A453F; -webkit-box-shadow:4px 4px  
4px 4px #0A453F; box-shadow:4px 4px 4px  
4px #0A453F }
```

Background

The CSS property to change the background color of an element to Hex 0A453F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A453F }
```

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

```
.background{ background-color:#0A453F }
```

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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