

Converting Colors

Hex(0A452D)

Have a look what the booklet for
Hex(0A452D) contains.

Hex(0A452D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A452D)

Conversions

Conversions Part 1

Format	Color
Hex	0A452D
RGB	10, 69, 45
RGB Percent	4%, 27%, 18%
CMY	0.9608, 0.7294, 0.8235
CMYK	0.86, 0.00, 0.35, 0.73
HSL	156°, 75%, 15%
HSV	156°, 86%, 27%
XYZ	2.7270, 4.5102, 3.2095
YIQ	48.6230, -27.4600, -19.9720

Conversions

Conversions Part 2

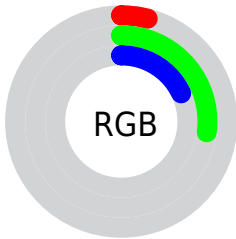
Format	Color
RYB	10, 47, 69
Decimal	673069
CIELab	25.29, -24.91, 9.41
CIELCh	25, 26.630, 159.305
Yxy	4.5102, 0.2610, 0.4317
Android (android.graphics.Color)	4278863149 (0xFF0A452D)
YUV	48.6230, -1.7861, -33.8724
Hunter-Lab	21.2373, -14.2452, 5.9060

Details

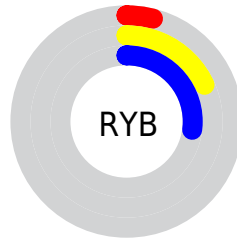
The Hex color **0A452D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **450A22**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3F765B**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **03452A**, and if you desaturate by 10%, it is **114530**.

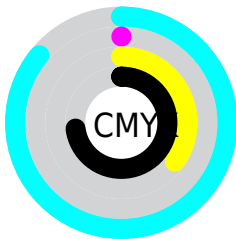
Distribution



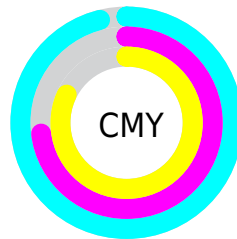
- Red (4%)
- Green (27%)
- Blue (18%)



- Red (4%)
- Yellow (18%)
- Blue (27%)



- Cyan (86%)
- Magenta (0%)
- Yellow (35%)
- Black (73%)




- Cyan (96%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A452D 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 0A452D by changing the saturation by 10% instead.

 0A452D

 0A452D

 FDFFFF

 002E18

 3F765B

 001B00

 599073

 000000

 72AA8D

 8DC6A7

 A8E2C3

 C3FFDE

 E0FFFB

 0A452D

 0A452D

03452A

114530

004529

184533

1F4535

264538

2D453B

33453E

3A4541

414543

484546

Harmonies

Analogous

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



2C421B



0A452D



004642

Triad

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



0A452D



233C64



5E2E23

Complementary

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



0A452D



450A22

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.



612A36



0A452D



46345B

Square

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



0A452D



004261



592D4B



533616

Rectangle

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



0A452D



00464F



592D4B



602C29

Sweetspot

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



0A452D



425950



23450A



202E28



ADADAD



2E2E2E

Same Dimension

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



0A452D



005935



0A4045



202422



00633B



00E387

Inverse Universe

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



450A22



590024



450F0A



242022



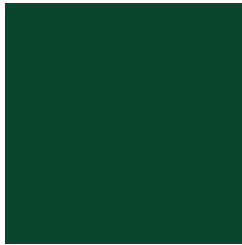
630028



E3005C

Previews

White Background



This preview shows how the Hex color 0A452D looks on a white background.

Color Contrast Check

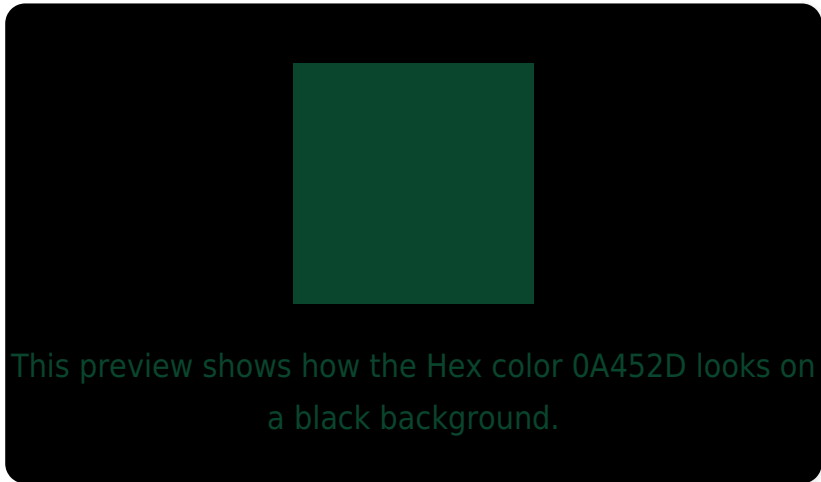
Large Text (above 18pt) WCAG AA ✓ Pass

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

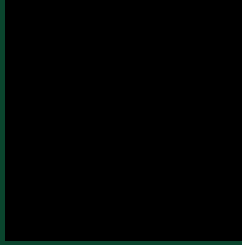
Any Text WCAG AA × Fail

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 0A452D Background



This preview shows how black text looks on a background with the Hex color 0A452D.



This preview shows how white text looks on a background with the Hex color 0A452D.

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
0A452D

Protanopia
413C29

Deuteranopia
463A30



Tritanopia
1A4247

Trichromacy



Original Color
0A452D

Protanomaly
2D3F2A

Deuteranomaly
303E2F

Tritanomaly
14433E

Monochromacy



Original Color
0A452D

Achromatopsia
313131

Achromatomaly
233830

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A452D 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 #0A452D looks like.

```
.text, #text, p{  
    color:#0A452D  
}
```

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 #0A452D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A452D
}
```

Border

The CSS property to change the border of an element to Hex 0A452D 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
#0A452D }
```

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

```
.border{ border-color:#0A452D }
```

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

Here you see how a box with a 4 pixel #0A452D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A452D; -webkit-box-shadow:4px 4px  
4px 4px #0A452D; box-shadow:4px 4px 4px  
4px #0A452D }
```

Background

The CSS property to change the background color of an element to Hex 0A452D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A452D }
```

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

```
.background{ background-color:#0A452D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor