

Converting Colors

Hex(0A6650)

Have a look what the booklet for
Hex(0A6650) contains.

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Color

Hex(0A6650)

Conversions

Conversions Part 1

Format	Color
Hex	0A6650
RGB	10, 102, 80
RGB Percent	4%, 40%, 31%
CMY	0.9608, 0.6000, 0.6863
CMYK	0.90, 0.00, 0.22, 0.60
HSL	166°, 82%, 22%
HSV	166°, 90%, 40%
XYZ	6.3245, 10.1465, 9.2145
YIQ	71.9840, -47.7700, -26.3460

Conversions

Conversions Part 2

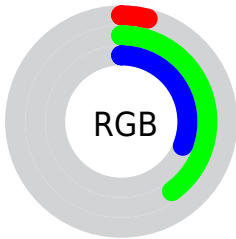
Format	Color
R_{YB}	10, 62, 102
Decimal	681552
CIE _{Lab}	38.10, -30.59, 5.47
CIE _{LCh}	38, 31.080, 169.855
Yxy	10.1465, 0.2462, 0.3950
Android (android.graphics.Color)	4278871632 (0xFF0A6650)
YUV	71.9840, 3.9519, -54.3600
Hunter-Lab	31.8535, -20.3025, 5.1461

Details

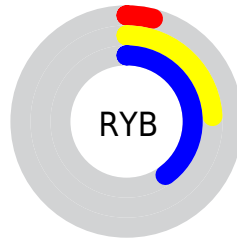
The Hex color **0A6650** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660A20**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9A81**, and **003624** is the 20% darker color. If you saturate the color by 10%, you get **00664E**, and if you desaturate by 10%, it is **146652**.

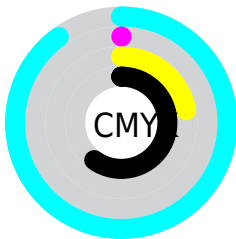
Distribution



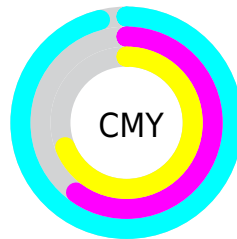
- Red (4%)
- Green (40%)
- Blue (31%)



- Red (4%)
- Yellow (24%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (22%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6650 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 0A6650 by changing the saturation by 10% instead.

 0A6650

 0A6650

FFFFFF

 004D39

 4A9A81

 003624

 65B59B

 00220E

 80D1B6

 000000

 9CEDD2

 B8FFEE

 D5FFFF

 F2FFFF

 0A6650

 0A6650

■ 00664E

■ 146652

■ 1E6655

■ 296657

■ 33665A

■ 3D665C

■ 47665F

■ 516661

■ 5C6664

■ 666666

Harmonies

Analogous

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



3B6338



0A6650



00666A

Triad

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



0A6650



4E5689



824C34

Complementary

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



0A6650



660A20

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.



89454A



0A6650



704D7A

Square

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



0A6650



125F8B



844663



705527

Rectangle

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



0A6650



006579



844663



85493B

Sweetspot

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



0A6650



61857C



21660A



2D423D



C2C2C2



424242

Same Dimension

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



0A6650



008565



0A4F66



2E3332



007357



00F2B8

Inverse Universe

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



660A20



850020



66210A



332E2F



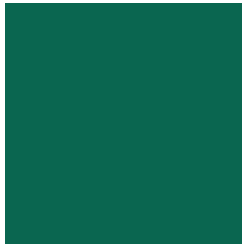
73001B



F2003A

Previews

White Background



This preview shows how the Hex color 0A6650 looks on a white background.

Color Contrast Check

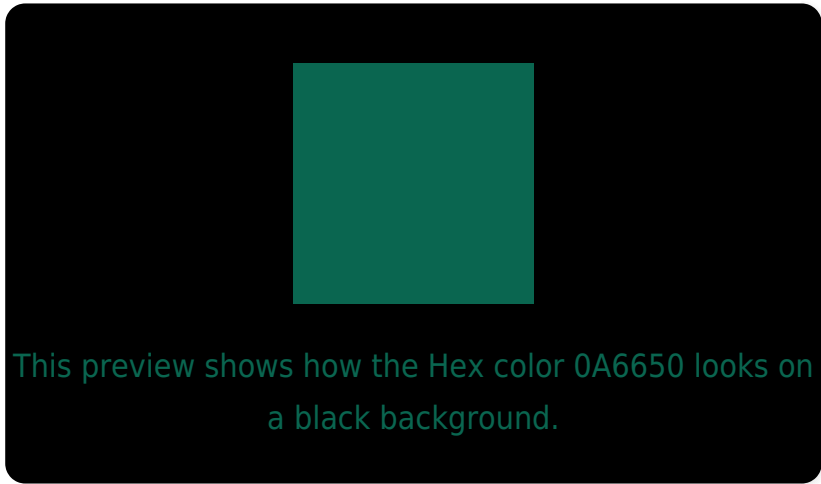
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

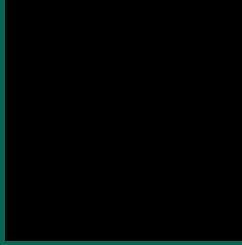
Any Text WCAG AA × Fail

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 0A6650 Background



This preview shows how black text looks on a background with the Hex color 0A6650.



This preview shows how white text looks on a background with the Hex color 0A6650.

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
0A6650

Protanopia
5F594A

Deuteranopia
645653



Tritanopia
21626A

Trichromacy



Original Color
0A6650

Protanomaly
405E4C

Deuteranomaly
435C52

Tritanomaly
196361

Monochromacy



Original Color
0A6650

Achromatopsia
484848

Achromatomaly
31534B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6650 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 #0A6650 looks like.

```
.text, #text, p{  
    color:#0A6650  
}
```

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 #0A6650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6650
}
```

Border

The CSS property to change the border of an element to Hex 0A6650 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
#0A6650 }
```

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

```
.border{ border-color:#0A6650 }
```

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

Here you see how a box with a 4 pixel #0A6650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6650; -webkit-box-shadow:4px 4px  
4px 4px #0A6650; box-shadow:4px 4px 4px  
4px #0A6650 }
```

Background

The CSS property to change the background color of an element to Hex 0A6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6650 }
```

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

```
.background{ background-color:#0A6650 }
```

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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