

Converting Colors

Hex(0A6767)

Have a look what the booklet for
Hex(0A6767) contains.

Hex(0A6767)	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(0A6767)

Conversions

Conversions Part 1

Format	Color
Hex	0A6767
RGB	10, 103, 103
RGB Percent	4%, 40%, 40%
CMY	0.9608, 0.5961, 0.5961
CMYK	0.90, 0.00, 0.00, 0.60
HSL	180°, 82%, 22%
HSV	180°, 90%, 40%
XYZ	7.4236, 10.7443, 14.5146
YIQ	75.1930, -55.4280, -19.7160

Conversions

Conversions Part 2

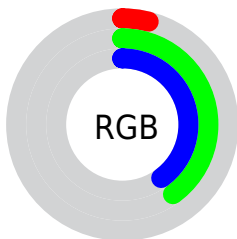
Format	Color
RYB	10, 57, 103
Decimal	681831
CIELab	39.15, -23.97, -7.09
CIELCh	39, 24.997, 196.470
Yxy	10.7443, 0.2271, 0.3287
Android (android.graphics.Color)	4278871911 (0xFF0A6767)
YUV	75.1930, 13.7089, -57.1743
Hunter-Lab	32.7785, -16.9361, -3.3091

Details

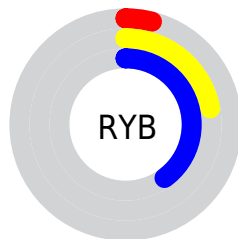
The Hex color **0A6767** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670A0A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9B9A**, and **003738** is the 20% darker color. If you saturate the color by 10%, you get **006767**, and if you desaturate by 10%, it is **146767**.

Distribution



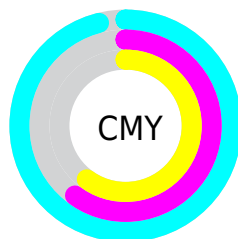
- Red (4%)
- Green (40%)
- Blue (40%)



- Red (4%)
- Yellow (22%)
- Blue (40%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6767 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 0A6767 by changing the saturation by 10% instead.



0A6767



0A6767

FFFFFF



004F4F



4D9B9A



003738



68B6B5



002223



84D1D0



00010D



A0EEED



000000



BCFFFF



D9FFFF



F6FFFF



0A6767



0A6767

■ 006767

■ 146767

■ 1F6767

■ 296767

■ 336767

■ 3D6767

■ 486767

■ 526767

■ 5C6767

■ 676767

Harmonies

Analogous

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



2D6652



0A6767



026579

Triad

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



0A6767



6C5378



725835

Complementary

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



0A6767



670A0A

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.



7F5140



0A6767



7E4D66

Square

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



0A6767



515A83



844D52



5E5F35

Rectangle

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



0A6767



206381



844D52



775537

Sweetspot

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



0A6767



638787



0A670A



2F4545



C4C4C4



454545

Same Dimension

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



0A6767



008787



0A3967



2E3333



007373



00F2F2

Inverse Universe

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



670A67



870087



67390A



332E33



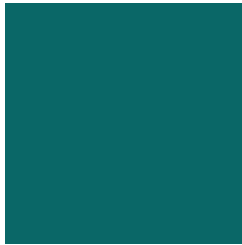
730073



F200F2

Previews

White Background



This preview shows how the Hex color 0A6767 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

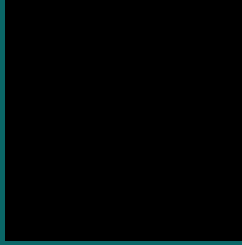
Any Text WCAG AA × Fail

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 0A6767 Background



This preview shows how black text looks on a background with the Hex color 0A6767.



This preview shows how white text looks on a background with the Hex color 0A6767.

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
0A6767

Protanopia
5C5B60

Deuteranopia
5E5A6A



Tritanopia
15666E

Trichromacy



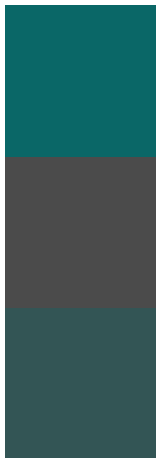
Original Color
0A6767

Protanomaly
3E5F63

Deuteranomaly
3F5F69

Tritanomaly
11666B

Monochromacy



Original Color
0A6767

Achromatopsia
4B4B4B

Achromatomaly
335555

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6767 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 #0A6767 looks like.

```
.text, #text, p{  
  color:#0A6767  
}
```

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 #0A6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6767
}
```

Border

The CSS property to change the border of an element to Hex 0A6767 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
#0A6767 }
```

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

```
.border{ border-color:#0A6767 }
```

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

Here you see how a box with a 4 pixel #0A6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6767; -webkit-box-shadow:4px 4px  
4px 4px #0A6767; box-shadow:4px 4px 4px  
4px #0A6767 }
```

Background

The CSS property to change the background color of an element to Hex 0A6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6767 }
```

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

```
.background{ background-color:#0A6767 }
```

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