

Converting Colors

Hex(0D6664)

Have a look what the booklet for
Hex(0D6664) contains.

Hex(0D6664)	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(0D6664)

Conversions

Conversions Part 1

Format	Color
Hex	0D6664
RGB	13, 102, 100
RGB Percent	5%, 40%, 39%
CMY	0.9490, 0.6000, 0.6078
CMYK	0.87, 0.00, 0.02, 0.60
HSL	179°, 77%, 23%
HSV	179°, 87%, 40%
XYZ	7.2176, 10.5084, 13.7045
YIQ	75.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

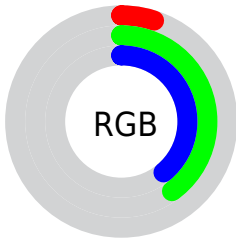
Format	Color
RYB	13, 58, 102
Decimal	878180
CIELab	38.74, -24.21, -5.85
CIELCh	39, 24.912, 193.584
Yxy	10.5084, 0.2296, 0.3343
Android (android.graphics.Color)	4279068260 (0xFF0D6664)
YUV	75.1610, 12.2456, -54.5152
Hunter-Lab	32.4167, -16.9860, -2.3738

Details

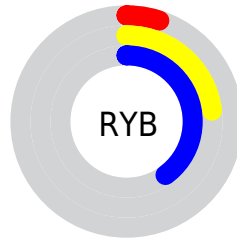
The Hex color **0D6664** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660D0F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9997**, and **003636** is the 20% darker color. If you saturate the color by 10%, you get **036664**, and if you desaturate by 10%, it is **176664**.

Distribution



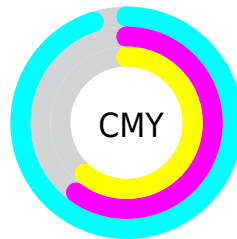
- Red (5%)
- Green (40%)
- Blue (39%)



- Red (5%)
- Yellow (23%)
- Blue (40%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (60%)



- Cyan (95%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6664 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 0D6664 by changing the saturation by 10% instead.



0D6664



0D6664

FFFFFF



004E4C



4D9997



003636



69B4B1



002220



84D0CD



000009



A0EDE9



000000



BCFFFF



D9FFFF



F6FFFF



0D6664



0D6664

■ 036664

■ 176664

■ 006664

■ 216664

■ 2C6665

■ 366665

■ 406665

■ 4A6665

■ 546666

■ 5F6666

■ 696666

Harmonies

Analogous

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



2F654F



0D6664



006476

Triad

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



0D6664



695379



725635

Complementary

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



0D6664



660D0F

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.



7F4F40



0D6664



7C4D67

Square

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



0D6664



4D5A82



834B53



5F5D33

Rectangle

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



0D6664



1B627F



834B53



775437

Sweetspot

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



0D6664



628584



10660D



2E4242



C2C2C2



424242

Same Dimension

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



0D6664



008582



0D3C66



2E3333



007370



00F2ED

Inverse Universe

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



660D0F



850003



66370D



332E2E



730003



F20005

Previews

White Background



This preview shows how the Hex color 0D6664 looks on a white background.

Color Contrast Check

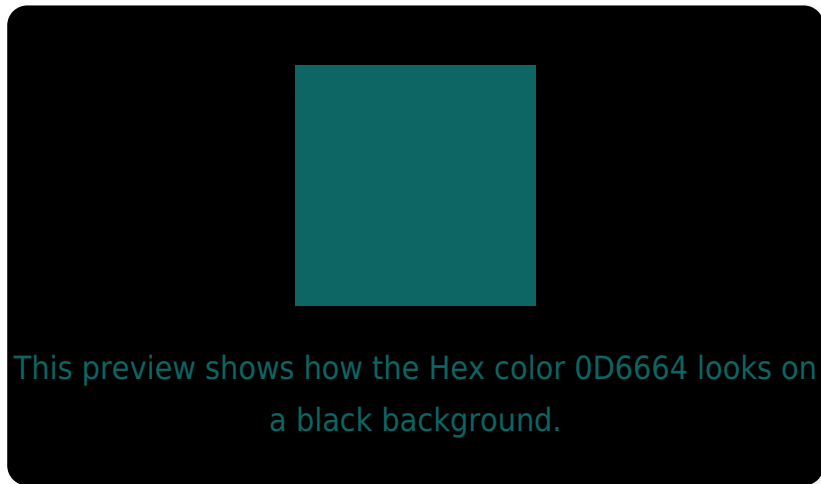
Large Text (above 18pt) WCAG AA ✓ Pass

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

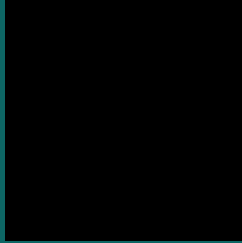
Any Text WCAG AA × Fail

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 0D6664 Background



This preview shows how black text looks on a background with the Hex color 0D6664.



This preview shows how white text looks on a background with the Hex color 0D6664.

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
0D6664

Protanopia
5C5A5D

Deuteranopia
5E5967



Tritanopia
17656D

Trichromacy



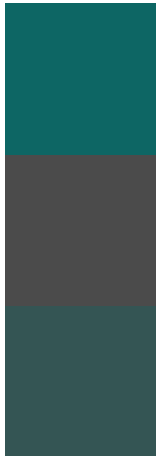
Original Color
0D6664

Protanomaly
3F5E60

Deuteranomaly
415E66

Tritanomaly
13656A

Monochromacy



Original Color
0D6664

Achromatopsia
4B4B4B

Achromatomaly
345554

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6664 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 #0D6664 looks like.

```
.text, #text, p{  
  color:#0D6664  
}
```

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 #0D6664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6664
}
```

Border

The CSS property to change the border of an element to Hex 0D6664 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
#0D6664 }
```

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

```
.border{ border-color:#0D6664 }
```

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

Here you see how a box with a 4 pixel #0D6664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6664; -webkit-box-shadow:4px 4px  
4px 4px #0D6664; box-shadow:4px 4px 4px  
4px #0D6664 }
```

Background

The CSS property to change the background color of an element to Hex 0D6664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6664 }
```

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

```
.background{ background-color:#0D6664 }
```

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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