

Converting Colors

Hex(0D4657)

Have a look what the booklet for
Hex(0D4657) contains.

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Color

Hex(0D4657)

Conversions

Conversions Part 1

Format	Color
Hex	0D4657
RGB	13, 70, 87
RGB Percent	5%, 27%, 34%
CMY	0.9490, 0.7255, 0.6588
CMYK	0.85, 0.20, 0.00, 0.66
HSL	194°, 74%, 20%
HSV	194°, 85%, 34%
XYZ	4.0764, 5.1540, 9.7968
YIQ	54.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

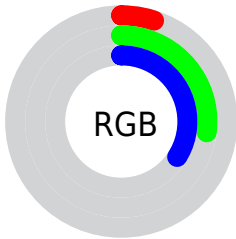
Format	Color
R_{YB}	13, 45, 87
Decimal	869975
CIE _{Lab}	27.17, -11.06, -15.19
CIE _{LCh}	27, 18.787, 233.954
Yxy	5.1540, 0.2142, 0.2709
Android (android.graphics.Color)	4279060055 (0xFF0D4657)
YUV	54.8950, 15.8278, -36.7419
Hunter-Lab	22.7024, -7.6779, -9.6938

Details

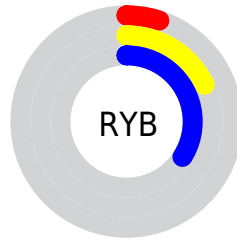
The Hex color **0D4657** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **571E0D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **467689**, and **001B2A** is the 20% darker color. If you saturate the color by 10%, you get **044457**, and if you desaturate by 10%, it is **164857**.

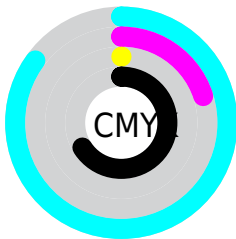
Distribution



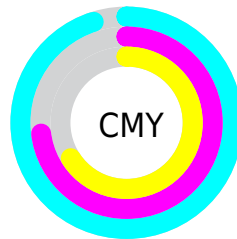
- Red (5%)
- Green (27%)
- Blue (34%)



- Red (5%)
- Yellow (18%)
- Blue (34%)



- Cyan (85%)
- Magenta (20%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4657 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 0D4657 by changing the saturation by 10% instead.



0D4657



0D4657

FFFFFF



003040



467689



001B2A



6090A3



000115



7AABBE



000000



95C6DA



B1E2F7



CDFFFF



EAffff



0D4657



0D4657

■ 044457

■ 164857

■ 004357

■ 1E4A57

■ 274C57

■ 304E57

■ 395057

■ 415257

■ 4A5457

■ 535657

■ 5B5857

Harmonies

Analogous

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



07484B



0D4657



26425D

Triad

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



0D4657



5A3544



3E4325

Complementary

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



0D4657



571E0D

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.



4C3E24



0D4657



5C3635

Square

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



0D4657



503851



573929



2D462F

Rectangle

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



0D4657



363F5C



573929



434124

Sweetspot

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



0D4657



536970



0D571D



273438



B8B8B8



383838

Same Dimension

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



0D4657



005670



0D2257



272A2B



00526B



00B5EB

Inverse Universe

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



570D46



700056



57420D



2B272A



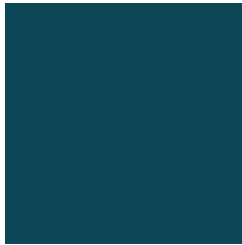
6B0052



EB00B5

Previews

White Background



This preview shows how the Hex color 0D4657 looks on a white background.

Color Contrast Check

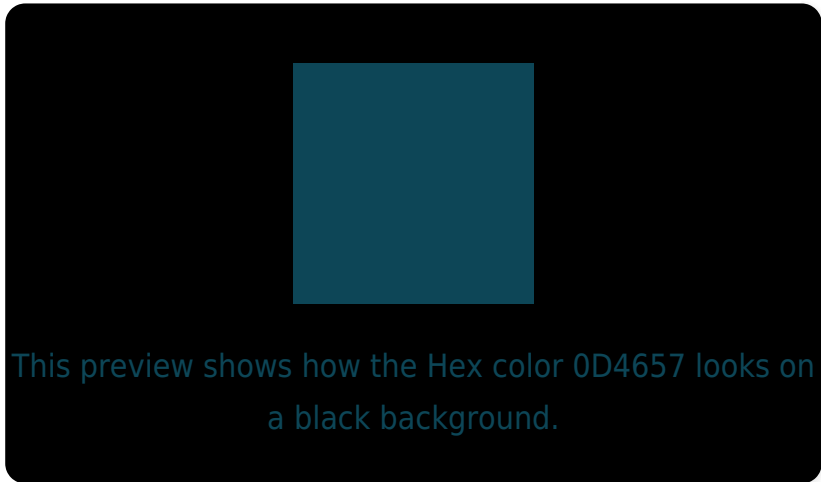
Large Text (above 18pt) WCAG AA ✓ Pass

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

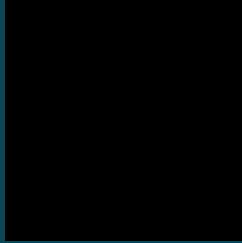
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

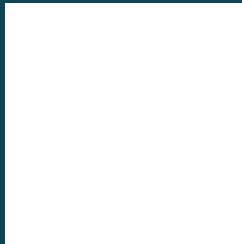
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D4657 Background



This preview shows how black text looks on a background with the Hex color 0D4657.



This preview shows how white text looks on a background with the Hex color 0D4657.

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
0D4657

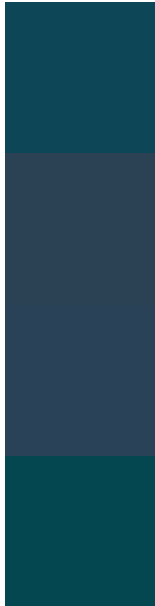
Protanopia
3B4052

Deuteranopia
393F59



Tritanopia
00474D

Trichromacy



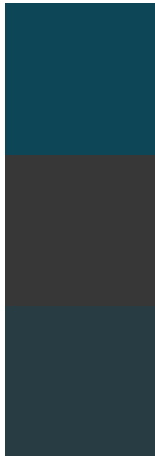
Original Color
0D4657

Protanomaly
2A4254

Deuteranomaly
294258

Tritanomaly
054751

Monochromacy



Original Color
0D4657

Achromatopsia
373737

Achromatomaly
283C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4657 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 #0D4657 looks like.

```
.text, #text, p{  
    color:#0D4657  
}
```

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 #0D4657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4657
}
```

Border

The CSS property to change the border of an element to Hex 0D4657 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
#0D4657 }
```

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

```
.border{ border-color:#0D4657 }
```

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

Here you see how a box with a 4 pixel #0D4657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4657; -webkit-box-shadow:4px 4px  
4px 4px #0D4657; box-shadow:4px 4px 4px  
4px #0D4657 }
```

Background

The CSS property to change the background color of an element to Hex 0D4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4657 }
```

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

```
.background{ background-color:#0D4657 }
```

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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