

Converting Colors

Hex(0D505C)

Have a look what the booklet for
Hex(0D505C) contains.

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Color

Hex(0D505C)

Conversions

Conversions Part 1

Format	Color
Hex	0D505C
RGB	13, 80, 92
RGB Percent	5%, 31%, 36%
CMY	0.9490, 0.6863, 0.6392
CMYK	0.86, 0.13, 0.00, 0.64
HSL	189°, 75%, 21%
HSV	189°, 86%, 36%
XYZ	4.9664, 6.5956, 11.1365
YIQ	61.3350, -43.7840, -10.4720

Conversions

Conversions Part 2

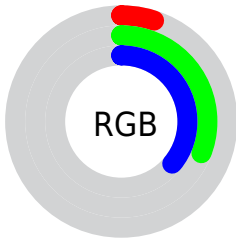
Format	Color
RYB	13, 49, 92
Decimal	872540
CIELab	30.87, -15.09, -12.73
CIELCh	31, 19.739, 220.140
Yxy	6.5956, 0.2188, 0.2906
Android (android.graphics.Color)	4279062620 (0xFF0D505C)
YUV	61.3350, 15.1178, -42.3898
Hunter-Lab	25.6819, -10.4247, -7.7328

Details

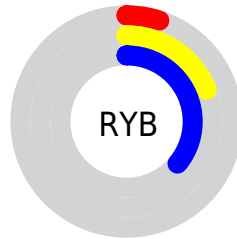
The Hex color **0D505C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C190D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **48818E**, and **00232E** is the 20% darker color. If you saturate the color by 10%, you get **044F5C**, and if you desaturate by 10%, it is **16515C**.

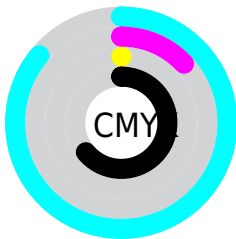
Distribution



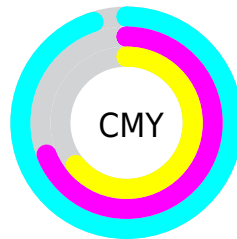
- Red (5%)
- Green (31%)
- Blue (36%)



- Red (5%)
- Yellow (19%)
- Blue (36%)



- Cyan (86%)
- Magenta (13%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D505C 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 0D505C by changing the saturation by 10% instead.

 0D505C

 0D505C

FFFFFF

 003944

 48818E

 00232E

 639CA9

 00071A

 7DB6C4

 000000

 99D2E0

 B4EEFC

 D1FFFF

 EEEFFF

 0D505C

 0D505C

■ 044F5C

■ 16515C

■ 004E5C

■ 1F535C

■ 29545C

■ 32565C

■ 3B575C

■ 44585C

■ 4D5A5C

■ 575B5C

■ 605D5C

Harmonies

Analogous

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



16514E



0D505C



224D65

Triad

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



0D505C



603E53



4E492A

Complementary

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



0D505C



5C190D

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.



5C442C



0D505C



673D44

Square

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



0D505C



514360



653F36



3D4E31

Rectangle

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



0D505C



334A67



653F36



53482A

Sweetspot

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



0D505C



597378



0D5C19



2A3A3D



BDBDBD



3D3D3D

Same Dimension

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



0D505C



006678



0D295C



292D2E



005D6E



00C9ED

Inverse Universe

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



5C0D50



780066



5C400D



2E292D



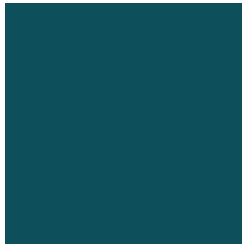
6E005D



ED00C9

Previews

White Background



This preview shows how the Hex color 0D505C looks on a white background.

Color Contrast Check

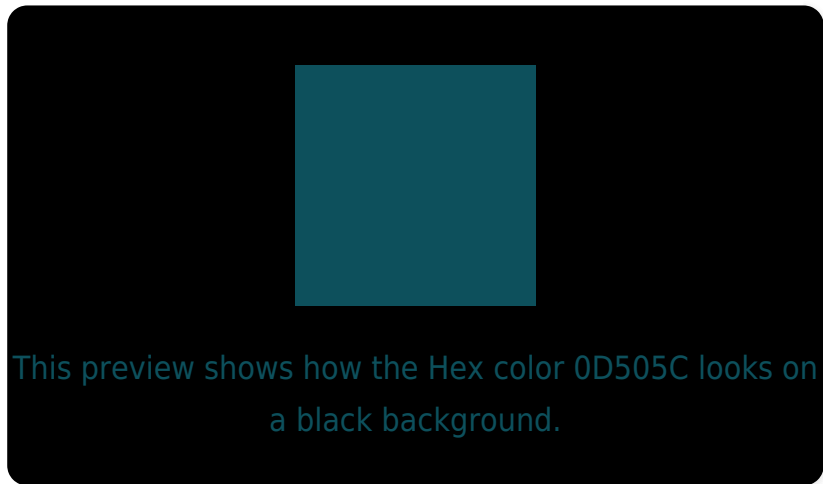
Large Text (above 18pt) WCAG AA ✓ Pass

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

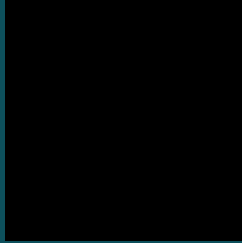
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

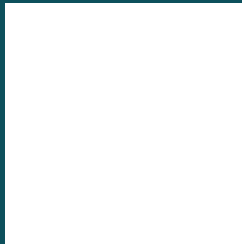
Any Text WCAG AAA × Fail

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

Hex 0D505C Background



This preview shows how black text looks on a background with the Hex color 0D505C.



This preview shows how white text looks on a background with the Hex color 0D505C.

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

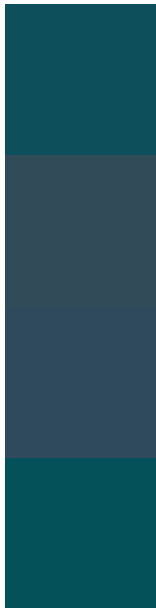


Original Color
0D505C

Protanopia
464856

Deuteranopia
44475E

Trichromacy



Original Color
0D505C

Protanomaly
314B58

Deuteranomaly
304A5D

Tritanomaly
055159

Monochromacy



Original Color
0D505C

Achromatopsia
3D3D3D

Achromatomaly
2C4448

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D505C 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 #0D505C looks like.

```
.text, #text, p{  
    color:#0D505C  
}
```

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 #0D505C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D505C
}
```

Border

The CSS property to change the border of an element to Hex 0D505C 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
#0D505C }
```

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

```
.border{ border-color:#0D505C }
```

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

Here you see how a box with a 4 pixel #0D505C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D505C; -webkit-box-shadow:4px 4px  
4px 4px #0D505C; box-shadow:4px 4px 4px  
4px #0D505C }
```

Background

The CSS property to change the background color of an element to Hex 0D505C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D505C }
```

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

```
.background{ background-color:#0D505C }
```

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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