

Converting Colors

Hex(0D3245)

Have a look what the booklet for
Hex(0D3245) contains.

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Color

Hex(0D3245)

Conversions

Conversions Part 1

Format	Color
Hex	0D3245
RGB	13, 50, 69
RGB Percent	5%, 20%, 27%
CMY	0.9490, 0.8039, 0.7294
CMYK	0.81, 0.28, 0.00, 0.73
HSL	200°, 68%, 16%
HSV	200°, 81%, 27%
XYZ	2.3808, 2.7964, 6.0445
YIQ	41.1030, -28.1510, -1.9350

Conversions

Conversions Part 2

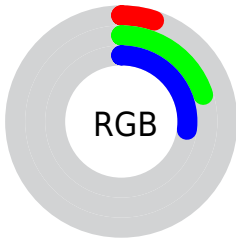
Format	Color
R_{YB}	13, 35, 69
Decimal	864837
CIE _{Lab}	19.21, -5.47, -15.59
CIE _{LCh}	19, 16.521, 250.664
Yxy	2.7964, 0.2122, 0.2492
Android (android.graphics.Color)	4279054917 (0xFF0D3245)
YUV	41.1030, 13.7532, -24.6463
Hunter-Lab	16.7226, -3.8518, -9.7251

Details

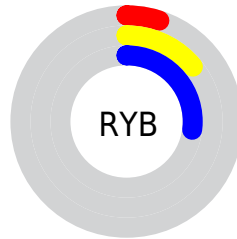
The Hex color **0D3245** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45200D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **406075**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **063045**, and if you desaturate by 10%, it is **143445**.

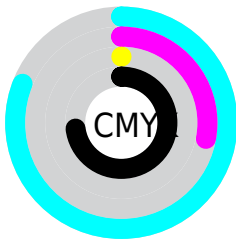
Distribution



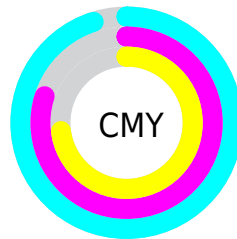
- Red (5%)
- Green (20%)
- Blue (27%)



- Red (5%)
- Yellow (14%)
- Blue (27%)



- Cyan (81%)
- Magenta (28%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3245 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 0D3245 by changing the saturation by 10% instead.

0D3245

0D3245

FDFFFF

001D2F

406075

00011A

59798F

000000

7393A9

8DADC5

A8C9E1

C4E5FD

E0FFFF

0D3245

0D3245

■ 063045

■ 143445

■ 002E45

■ 1B3745

■ 223945

■ 293B45

■ 2F3E45

■ 364045

■ 3D4245

■ 444545

■ 4B4745

Harmonies

Analogous

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



00343E



0D3245



242E46

Triad

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



0D3245



46252B



25321C

Complementary

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



0D3245



45200D

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.



322F17



0D3245



442720

Square

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



0D3245



412637



3D2B18



163426

Rectangle

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



0D3245



302B43



3D2B18



2A3219

Sweetspot

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



0D3245



445259



0D4520



21292E



ADADAD



2E2E2E

Same Dimension

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



0D3245



033C59



0D1645



202224



004263



0096E3

Inverse Universe

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



450D32



59033C



453C0D



242022



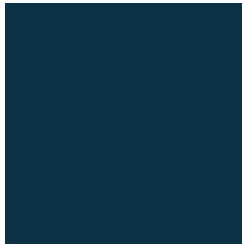
630042



E30096

Previews

White Background



This preview shows how the Hex color 0D3245 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

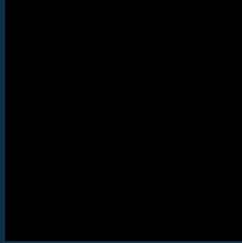
Any Text WCAG AA × Fail

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 0D3245 Background



This preview shows how black text looks on a background with the Hex color 0D3245.



This preview shows how white text looks on a background with the Hex color 0D3245.

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
0D3245

Protanopia
292E42

Deuteranopia
242F46

Trichromacy



Original Color
0D3245

Protanomaly
1F2F43

Deuteranomaly
1C3046

Tritanomaly
05333D

Monochromacy



Original Color
0D3245

Achromatopsia
292929

Achromatomaly
1F2C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3245 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 #0D3245 looks like.

```
.text, #text, p{  
    color:#0D3245  
}
```

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 #0D3245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3245
}
```

Border

The CSS property to change the border of an element to Hex 0D3245 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
#0D3245 }
```

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

```
.border{ border-color:#0D3245 }
```

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

Here you see how a box with a 4 pixel #0D3245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3245; -webkit-box-shadow:4px 4px  
4px 4px #0D3245; box-shadow:4px 4px 4px  
4px #0D3245 }
```

Background

The CSS property to change the background color of an element to Hex 0D3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3245 }
```

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

```
.background{ background-color:#0D3245 }
```

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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