

Converting Colors

Hex(0D3651)

Have a look what the booklet for
Hex(0D3651) contains.

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Color

Hex(0D3651)

Conversions

Conversions Part 1

Format	Color
Hex	0D3651
RGB	13, 54, 81
RGB Percent	5%, 21%, 32%
CMY	0.9490, 0.7882, 0.6824
CMYK	0.84, 0.33, 0.00, 0.68
HSL	204°, 72%, 18%
HSV	204°, 84%, 32%
XYZ	2.9703, 3.3180, 8.2685
YIQ	44.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

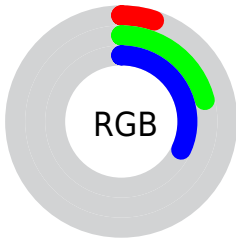
Format	Color
R_{YB}	13, 39, 81
Decimal	865873
CIE Lab	21.27, -3.18, -20.43
CIE LCh	21, 20.672, 261.165
Yxy	3.3180, 0.2041, 0.2279
Android (android.graphics.Color)	4279055953 (0xFF0D3651)
YUV	44.8190, 17.8372, -27.9053
Hunter-Lab	18.2153, -2.7691, -14.1627

Details

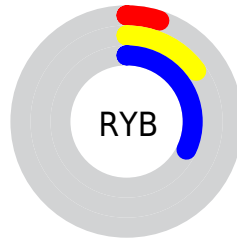
The Hex color **0D3651** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **51280D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **436482**, and **000924** is the 20% darker color. If you saturate the color by 10%, you get **053351**, and if you desaturate by 10%, it is **153951**.

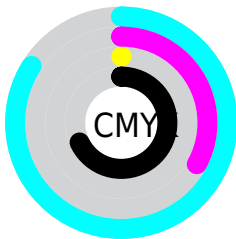
Distribution



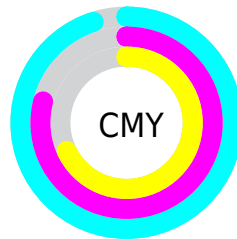
- Red (5%)
- Green (21%)
- Blue (32%)



- Red (5%)
- Yellow (15%)
- Blue (32%)



- Cyan (84%)
- Magenta (33%)
- Yellow (0%)
- Black (68%)



- Cyan (95%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3651 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 0D3651 by changing the saturation by 10% instead.

0D3651

0D3651

FFFFFF

00213A

436482

000924

5D7D9D

00010D

7797B8

000000

92B2D3

ADCDF0

C9EAFB

E5FFFF

0D3651

0D3651

■ 053351

■ 153951

■ 003151

■ 1D3C51

■ 254051

■ 2D4351

■ 364651

■ 3E4951

■ 464D51

■ 4E5051

■ 565351

Harmonies

Analogous

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



00394A



0D3651



2D314F

Triad

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



0D3651



502729



20391F

Complementary

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



0D3651



51280D

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.



323616



0D3651



4B2B1C

Square

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



0D3651



4D2738



403114



053B2E

Rectangle

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



0D3651



3C2D4A



403114



26381B

Sweetspot

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



0D3651



4E5E69



0D5127



252F36



B5B5B5



363636

Same Dimension

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



0D3651



003F69



0D1551



252729



008CE8

Inverse Universe

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



510D36



69003F



51490D



292527



E8008C

Previews

White Background



This preview shows how the Hex color 0D3651 looks on a white background.

Color Contrast Check

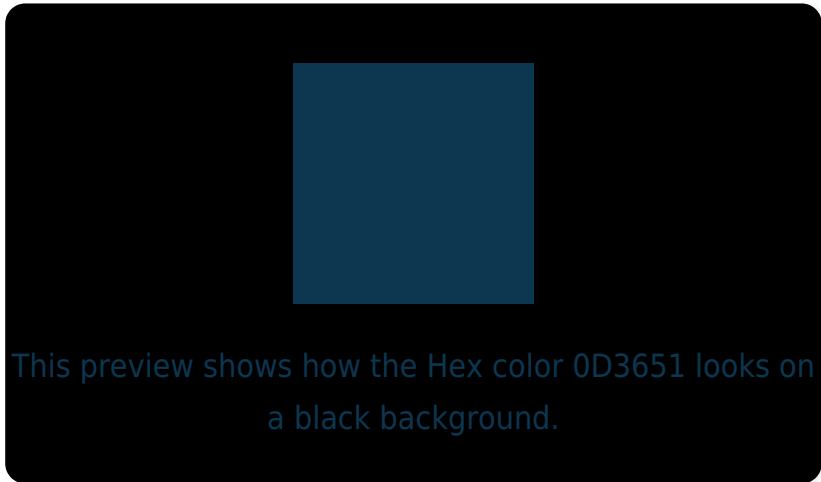
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D3651 Background



This preview shows how black text looks on a background with the Hex color 0D3651.



This preview shows how white text looks on a background with the Hex color 0D3651.

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
0D3651

Protanopia
2A324E

Deuteranopia
223352



Tritanopia
00393D

Trichromacy



Original Color
0D3651

Protanomaly
1F334F

Deuteranomaly
1A3452

Tritanomaly
053844

Monochromacy



Original Color
0D3651

Achromatopsia
2D2D2D

Achromatomaly
21303A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3651 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 #0D3651 looks like.

```
.text, #text, p{  
    color:#0D3651  
}
```

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 #0D3651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3651
}
```

Border

The CSS property to change the border of an element to Hex 0D3651 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
#0D3651 }
```

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

```
.border{ border-color:#0D3651 }
```

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

Here you see how a box with a 4 pixel #0D3651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3651; -webkit-box-shadow:4px 4px  
4px 4px #0D3651; box-shadow:4px 4px 4px  
4px #0D3651 }
```

Background

The CSS property to change the background color of an element to Hex 0D3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3651 }
```

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

```
.background{ background-color:#0D3651 }
```

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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