

Converting Colors

Hex(0D1645)

Have a look what the booklet for
Hex(0D1645) contains.

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Color

Hex(0D1645)

Conversions

Conversions Part 1

Format	Color
Hex	0D1645
RGB	13, 22, 69
RGB Percent	5%, 9%, 27%
CMY	0.9490, 0.9137, 0.7294
CMYK	0.81, 0.68, 0.00, 0.73
HSL	230°, 68%, 16%
HSV	230°, 81%, 27%
XYZ	1.5271, 1.0891, 5.7599
YIQ	24.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

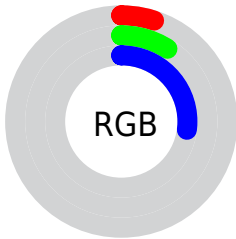
Format	Color
RYB	13, 21, 69
Decimal	857669
CIELab	9.71, 15.34, -30.75
CIELCh	10, 34.360, 296.511
Yxy	1.0891, 0.1823, 0.1300
Android (android.graphics.Color)	4279047749 (0xFF0D1645)
YUV	24.6670, 21.8562, -10.2320
Hunter-Lab	10.4358, 7.8573, -25.4196

Details

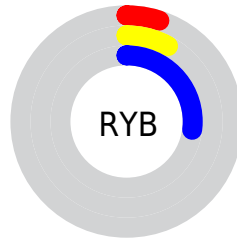
The Hex color **0D1645** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **453C0D**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **414076**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **061045**, and if you desaturate by 10%, it is **141C45**.

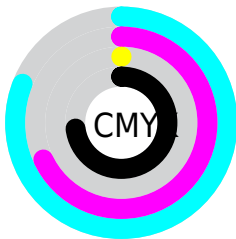
Distribution



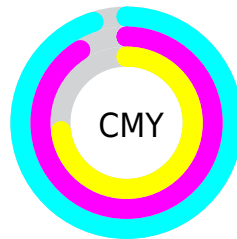
- Red (5%)
- Green (9%)
- Blue (27%)



- Red (5%)
- Yellow (8%)
- Blue (27%)



- Cyan (81%)
- Magenta (68%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1645 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 0D1645 by changing the saturation by 10% instead.

■ 0D1645

■ 0D1645

■ FEF7FF

■ 00002F

■ 414076

■ 000119

■ 5A5890

■ 000000

■ 7470AA

■ 8E89C6

■ A9A4E2

■ C5BFFF

■ E1DAFF

■ 0D1645

■ 0D1645

■ 061045

■ 141C45

■ 000B45

■ 1B2245

■ 222745

■ 292D45

■ 2F3345

■ 363945

■ 3D3F45

■ 444445

■ 4B4A45

Harmonies

Analogous

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



001F4A



0D1645



330635

Triad

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



0D1645



360E00



002617

Complementary

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



0D1645



453C0D

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.



002400



0D1645



251900

Square

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



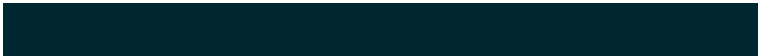
0D1645



410000



0E2000



00262F

Rectangle

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



0D1645



3E0026



0E2000



00250E

Sweetspot

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



0D1645



444759



0D453C



21232E



ADADAD



2E2E2E

Same Dimension

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



0D1645



031159



200D45



202124



001063



0024E3

Inverse Universe

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



450D16



590311



32450D



242021



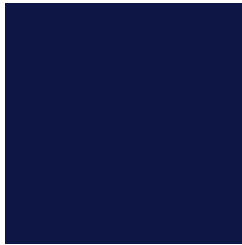
630010



E30024

Previews

White Background



This preview shows how the Hex color 0D1645 looks on a white background.

Color Contrast Check

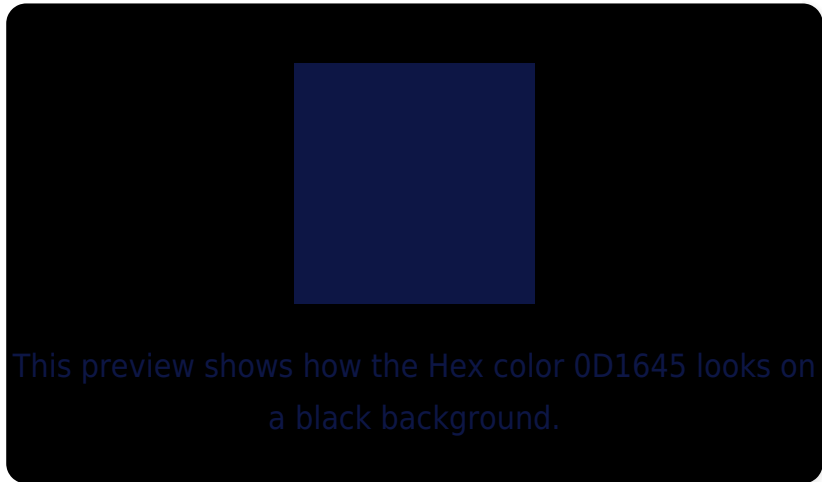
Large Text (above 18pt) WCAG AA ✓ Pass

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

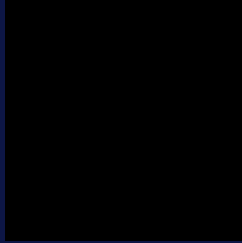
Any Text WCAG AA × Fail

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 0D1645 Background



This preview shows how black text looks on a background with the Hex color 0D1645.



This preview shows how white text looks on a background with the Hex color 0D1645.

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

0D1645

Protanopia

001B39

Deuteranopia

001D30



Tritanopia
001F21

Trichromacy



Original Color
0D1645

Protanomaly
05193D

Deuteranomaly
051A38

Tritanomaly
051C2E

Monochromacy



Original Color
0D1645

Achromatopsia
191919

Achromatomaly
151829

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1645 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 #0D1645 looks like.

```
.text, #text, p{  
    color:#0D1645  
}
```

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 #0D1645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1645
}
```

Border

The CSS property to change the border of an element to Hex 0D1645 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
#0D1645 }
```

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

```
.border{ border-color:#0D1645 }
```

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

Here you see how a box with a 4 pixel #0D1645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1645; -webkit-box-shadow:4px 4px  
4px 4px #0D1645; box-shadow:4px 4px 4px  
4px #0D1645 }
```

Background

The CSS property to change the background color of an element to Hex 0D1645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1645 }
```

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

```
.background{ background-color:#0D1645 }
```

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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