

Converting Colors

Hex(0D4172)

Have a look what the booklet for
Hex(0D4172) contains.

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Color

Hex(0D4172)

Conversions

Conversions Part 1

Format	Color
Hex	0D4172
RGB	13, 65, 114
RGB Percent	5%, 25%, 45%
CMY	0.9490, 0.7451, 0.5529
CMYK	0.89, 0.43, 0.00, 0.55
HSL	209°, 80%, 25%
HSV	209°, 89%, 45%
XYZ	5.0935, 5.0811, 16.6319
YIQ	55.0380, -46.7210, 4.2150

Conversions

Conversions Part 2

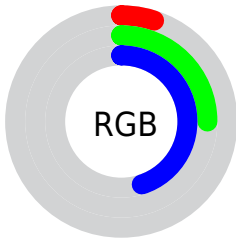
Format	Color
RYB	13, 47, 114
Decimal	868722
CIELab	26.96, 3.32, -32.83
CIELCh	27, 33.002, 275.768
Yxy	5.0811, 0.1900, 0.1895
Android (android.graphics.Color)	4279058802 (0xFF0D4172)
YUV	55.0380, 29.0683, -36.8673
Hunter-Lab	22.5412, 0.8877, -27.9678

Details

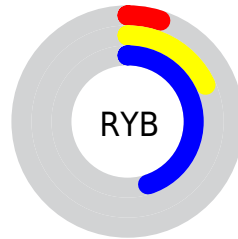
The Hex color **0D4172** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **723E0D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4C70A6**, and **001741** is the 20% darker color. If you saturate the color by 10%, you get **023B72**, and if you desaturate by 10%, it is **184772**.

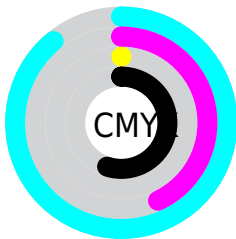
Distribution



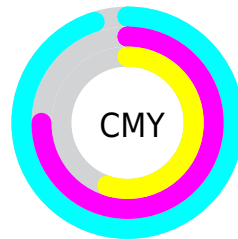
- Red (5%)
- Green (25%)
- Blue (45%)



- Red (5%)
- Yellow (18%)
- Blue (45%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4172 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 0D4172 by changing the saturation by 10% instead.

0D4172

0D4172

FFFFFF

002B59

4C70A6

001741

688AC2

00032B

83A4DE

000115

9FBFFA

000000

BBDBFF

D8F7FF

F5FFFF

0D4172

0D4172

■ 023B72

■ 184772

■ 003B72

■ 244C72

■ 2F5272

■ 3B5772

■ 465D72

■ 516272

■ 5D6872

■ 686D72

■ 747372

Harmonies

Analogous

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



00486D



0D4172



473769

Triad

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



0D4172



6A2D24



004A2A

Complementary

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



0D4172



723E0D

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.



2E4714



0D4172



5D3710

Square

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



0D4172



6D283C



484007



004C44

Rectangle

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



0D4172



5B305C



484007



154922

Sweetspot

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



0D4172



6C8194



0D723E



323E4A



C9C9C9



4A4A4A

Same Dimension

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



0D4172



004C94



0D0F72



323538



003E78



007FF7

Inverse Universe

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



720D41



94004C



72700D



383235



78003E



F7007F

Previews

White Background



This preview shows how the Hex color 0D4172 looks on a white background.

Color Contrast Check

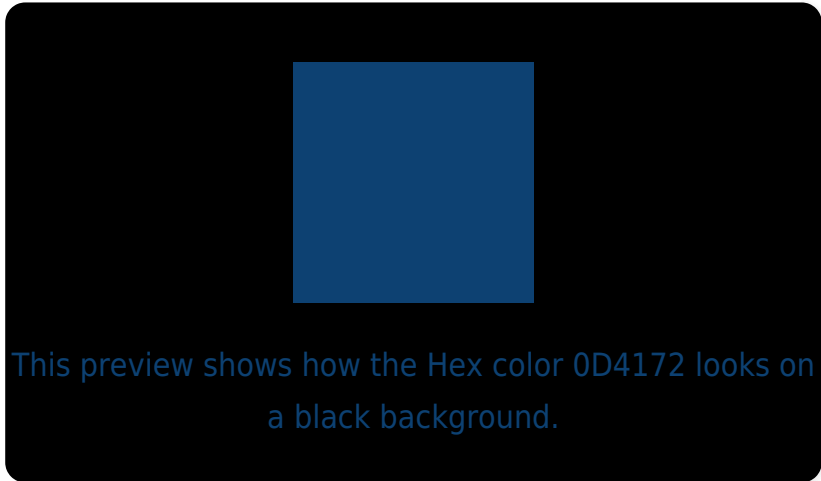
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D4172 Background



This preview shows how black text looks on a background with the Hex color 0D4172.



This preview shows how white text looks on a background with the Hex color 0D4172.

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
0D4172

Protanopia
2A3E6F

Deuteranopia
0F4172



Tritanopia
00474C

Trichromacy



Original Color
0D4172

Protanomaly
1F3F70

Deuteranomaly
0E4172

Tritanomaly
05455A

Monochromacy



Original Color
0D4172

Achromatopsia
373737

Achromatomaly
283B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4172 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 #0D4172 looks like.

```
.text, #text, p{  
    color:#0D4172  
}
```

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 #0D4172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4172
}
```

Border

The CSS property to change the border of an element to Hex 0D4172 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
#0D4172 }
```

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

```
.border{ border-color:#0D4172 }
```

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

Here you see how a box with a 4 pixel #0D4172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4172; -webkit-box-shadow:4px 4px  
4px 4px #0D4172; box-shadow:4px 4px 4px  
4px #0D4172 }
```

Background

The CSS property to change the background color of an element to Hex 0D4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4172 }
```

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

```
.background{ background-color:#0D4172 }
```

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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