

Converting Colors

Hex(0D3283)

Have a look what the booklet for
Hex(0D3283) contains.

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Color

Hex(0D3283)

Conversions

Conversions Part 1

Format	Color
Hex	0D3283
RGB	13, 50, 131
RGB Percent	5%, 20%, 51%
CMY	0.9490, 0.8039, 0.4863
CMYK	0.90, 0.62, 0.00, 0.49
HSL	221°, 82%, 28%
HSV	221°, 90%, 51%
XYZ	5.4033, 4.0055, 21.9611
YIQ	48.1710, -48.0530, 17.3470

Conversions

Conversions Part 2

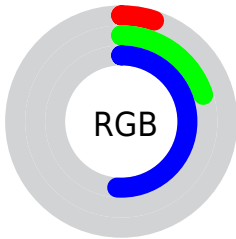
Format	Color
RYB	13, 41, 131
Decimal	864899
CIELab	23.69, 21.18, -48.86
CIELCh	24, 53.253, 293.435
Yxy	4.0055, 0.1722, 0.1277
Android (android.graphics.Color)	4279054979 (0xFF0D3283)
YUV	48.1710, 40.8347, -30.8450
Hunter-Lab	20.0137, 13.1678, -51.0496

Details

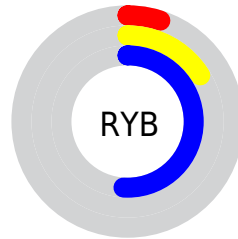
The Hex color **0D3283** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **835E0D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5260B9**, and **000751** is the 20% darker color. If you saturate the color by 10%, you get **002983**, and if you desaturate by 10%, it is **1A3B83**.

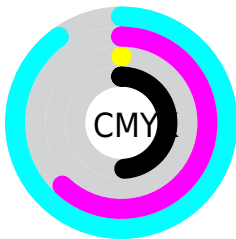
Distribution



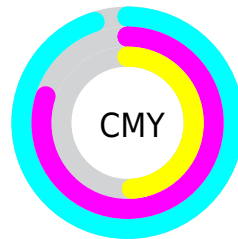
- Red (5%)
- Green (20%)
- Blue (51%)



- Red (5%)
- Yellow (16%)
- Blue (51%)



- Cyan (90%)
- Magenta (62%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3283 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 0D3283 by changing the saturation by 10% instead.

■ 0D3283

■ 0D3283

FFFFFF

■ 001E69

■ 5260B9

■ 000751

■ 6F78D5

■ 000539

■ 8B92F2

■ 000222

■ A7ACFF

■ 000009

■ C4C8FF

■ 000000

■ E1E4FF

■ 0D3283

■ 0D3283

■ 002983

■ 1A3B83

■ 274483

■ 344D83

■ 415683

■ 4E5F83

■ 5C6883

■ 697183

■ 767A83

■ 838383

Harmonies

Analogous

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



004189



0D3283



5E1769

Triad

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



0D3283



6A1F00



00482E

Complementary

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



0D3283



835E0D

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.



004500



0D3283



4E3400

Square

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



0D3283



7A001C



283F00



004957

Rectangle

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



0D3283



720050



283F00



004720

Sweetspot

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



0D3283



7D8BAB



0D835E



3B4457



D6D6D6



575757

Same Dimension

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



0D3283



0036AB



230D83



3C3E42



002982



000103

Inverse Universe

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



830D32



AB0036



6D830D



423C3E



820029



030001

Previews

White Background



This preview shows how the Hex color 0D3283 looks on a white background.

Color Contrast Check

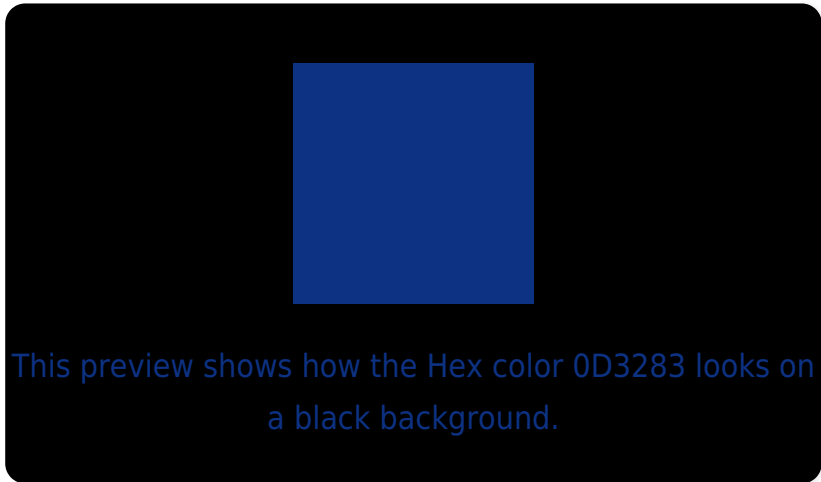
Large Text (above 18pt) WCAG AA ✓ Pass

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

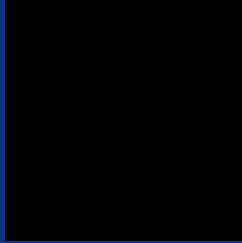
Any Text WCAG AA × Fail

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 0D3283 Background



This preview shows how black text looks on a background with the Hex color 0D3283.



This preview shows how white text looks on a background with the Hex color 0D3283.

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
0D3283

Protanopia
003774

Deuteranopia
003A63



Tritanopia
003F43

Trichromacy



Original Color
0D3283

Protanomaly
053579

Deuteranomaly
05376F

Tritanomaly
053A5A

Monochromacy



Original Color
0D3283

Achromatopsia
303030

Achromatomaly
23314E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3283 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 #0D3283 looks like.

```
.text, #text, p{  
    color:#0D3283  
}
```

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 #0D3283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3283
}
```

Border

The CSS property to change the border of an element to Hex 0D3283 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
#0D3283 }
```

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

```
.border{ border-color:#0D3283 }
```

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

Here you see how a box with a 4 pixel #0D3283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3283; -webkit-box-shadow:4px 4px  
4px 4px #0D3283; box-shadow:4px 4px 4px  
4px #0D3283 }
```

Background

The CSS property to change the background color of an element to Hex 0D3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3283 }
```

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

```
.background{ background-color:#0D3283 }
```

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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