

Converting Colors

Hex(082868)

Have a look what the booklet for
Hex(082868) contains.

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Color

Hex(082868)

Conversions

Conversions Part 1

Format	Color
Hex	082868
RGB	8, 40, 104
RGB Percent	3%, 16%, 41%
CMY	0.9686, 0.8431, 0.5922
CMYK	0.92, 0.62, 0.00, 0.59
HSL	220°, 86%, 22%
HSV	220°, 92%, 41%
XYZ	3.3576, 2.5687, 13.4155
YIQ	37.7280, -39.6160, 13.1200

Conversions

Conversions Part 2

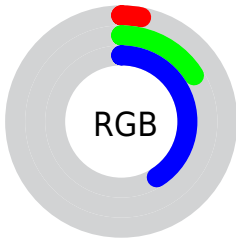
Format	Color
R_YB	8, 32, 104
Decimal	534632
CIE _{Lab}	18.23, 16.53, -40.51
CIE _{LCh}	18, 43.753, 292.200
Yxy	2.5687, 0.1736, 0.1328
Android (android.graphics.Color)	4278724712 (0xFF082868)
YUV	37.7280, 32.6721, -26.0715
Hunter-Lab	16.0271, 9.3477, -38.4099

Details

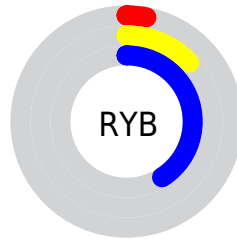
The Hex color **082868** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **684808**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **49549C**, and **000038** is the 20% darker color. If you saturate the color by 10%, you get **002368**, and if you desaturate by 10%, it is **122F68**.

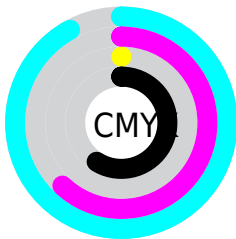
Distribution



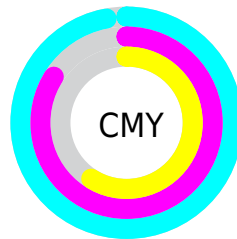
- Red (3%)
- Green (16%)
- Blue (41%)



- Red (3%)
- Yellow (13%)
- Blue (41%)



- Cyan (92%)
- Magenta (62%)
- Yellow (0%)
- Black (59%)



- Cyan (97%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 082868 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 082868 by changing the saturation by 10% instead.

■ 082868

■ 082868

FFFFFF

■ 00144F

■ 49549C

■ 000038

■ 646DB7

■ 000222

■ 7F86D3

■ 000007

■ 9AA0EF

■ 000000

■ B6BBFF

■ D3D7FF

■ F0F3FF

■ 082868

■ 082868

■ 002368

■ 122F68

■ 1D3668

■ 273D68

■ 324468

■ 3C4B68

■ 465268

■ 515968

■ 5B5F68

■ 666668

Harmonies

Analogous

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



00336C



082868



491554

Triad

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



082868



551800



003923

Complementary

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



082868



684808

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.



003700



082868



3F2800

Square

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



082868



610017



223200



003944

Rectangle

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



082868



5A0141



223200



003818

Sweetspot

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



082868



616E87



086848



2D3545



C4C4C4



454545

Same Dimension

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



082868



002D87



180868



2E3033



002673



0051F2

Inverse Universe

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



680828



87002D



586808



332E30



730026



F20051

Previews

White Background



This preview shows how the Hex color 082868 looks on a white background.

Color Contrast Check

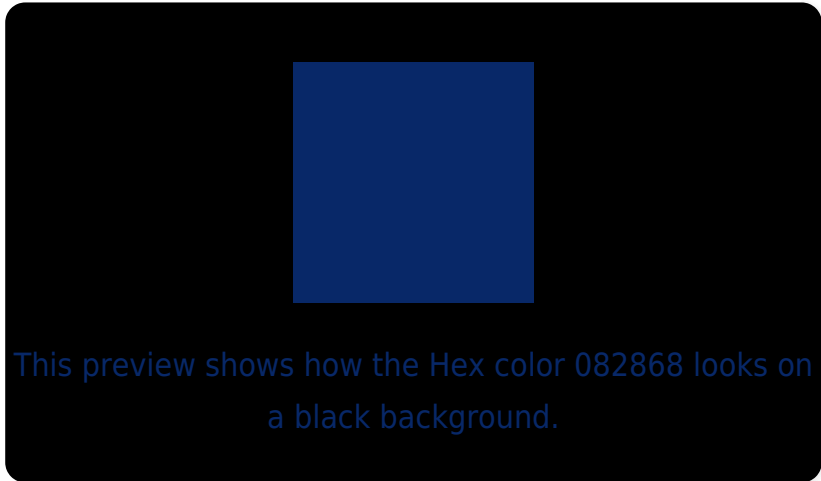
Large Text (above 18pt) WCAG AA ✓ Pass

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

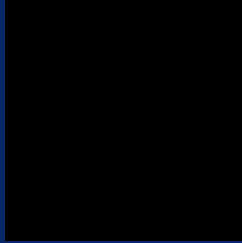
Any Text WCAG AA × Fail

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 082868 Background



This preview shows how black text looks on a background with the Hex color 082868.



This preview shows how white text looks on a background with the Hex color 082868.

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
082868

Protanopia
002C5C

Deuteranopia
002E4F

Trichromacy



Original Color
082868

Protanomaly
032B60

Deuteranomaly
032C58

Tritanomaly
032E48

Monochromacy



Original Color
082868

Achromatopsia
262626

Achromatomaly
1B273E

CSS Examples

Text

The CSS property to change the color of the text to Hex 082868 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 #082868 looks like.

```
.text, #text, p{  
    color:#082868  
}
```

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 #082868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082868
}
```

Border

The CSS property to change the border of an element to Hex 082868 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
#082868 }
```

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

```
.border{ border-color:#082868 }
```

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

Here you see how a box with a 4 pixel #082868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082868; -webkit-box-shadow:4px 4px  
4px 4px #082868; box-shadow:4px 4px 4px  
4px #082868 }
```

Background

The CSS property to change the background color of an element to Hex 082868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082868 }
```

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

```
.background{ background-color:#082868 }
```

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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