

# Converting Colors

Hex(082046)

Have a look what the booklet for  
Hex(082046) contains.

<b>Hex(082046)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(082046)**

# Conversions

Conversions Part 1	
Format	Color
Hex	082046
RGB	8, 32, 70
RGB Percent	3%, 13%, 27%
CMY	0.9686, 0.8745, 0.7255
CMYK	0.89, 0.54, 0.00, 0.73
HSL	217°, 79%, 15%
HSV	217°, 89%, 27%
XYZ	1.7221, 1.5268, 5.9983
YIQ	29.1560, -26.5020, 6.7300

# Conversions

## Conversions Part 2

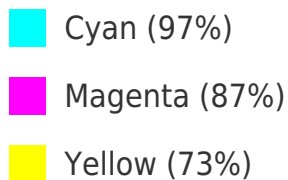
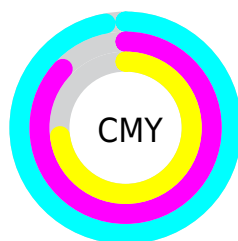
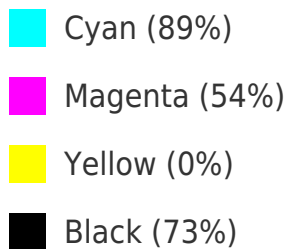
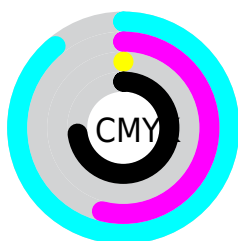
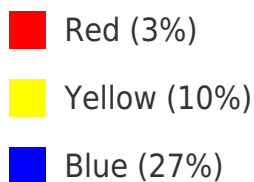
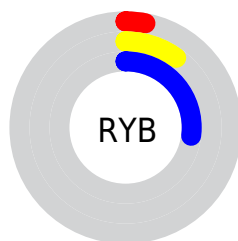
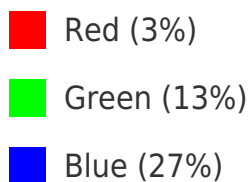
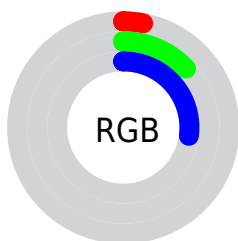
Format	Color
<a href="#">RYB</a>	<a href="#">8, 25, 70</a>
Decimal	<a href="#">532550</a>
CIELab	<a href="#">12.78, 7.28, -26.48</a>
CIELCh	<a href="#">13, 27.467, 285.376</a>
Yxy	<a href="#">1.5268, 0.1862, 0.1651</a>
Android (android.graphics.Color)	<a href="#">4278722630</a> (0xFF082046)
YUV	<a href="#">29.1560, 20.1361, -18.5538</a>
Hunter-Lab	<a href="#">12.3566, 3.2537, -20.1318</a>

# Details

The Hex color **082046** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **462E08**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3E4B77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **011C46**, and if you desaturate by 10%, it is **0F2446**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 082046 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 082046 by changing the saturation by 10% instead.



 082046

 082046

 FAFFFF

 00082F

 3E4B77

 00011A

 576391

 000000

 707CAB

 8B96C7

 A6B0E3

 C1CCFF

 DEE8FF

 082046

 082046

■ 011C46

■ 0F2446

■ 001B46

■ 162946

■ 1D2D46

■ 243146

■ 2B3546

■ 323A46

■ 393E46

■ 404246

■ 474746

# Harmonies

## Analogous

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



002646



082046



2E173C

# Triad

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



082046



3E1400



002917

# Complementary

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



082046



462E08

# 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.



0C2700



082046



321D00

# Square

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



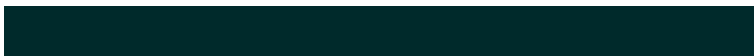
082046



430D18



222300



002A2B

# Rectangle

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



082046



3A1131



222300



002910



# Sweetspot

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



082046



434D5C



08462D



1F252E



ADADAD



2E2E2E



# Same Dimension

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



082046



00245C



0E0846



202224



002663



0058E3



# Inverse Universe

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



460820



5C0024



404608



242022



630026



E30058



# Previews

## White Background



This preview shows how the Hex color 082046 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



This preview shows how the Hex color 082046 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

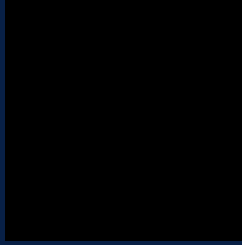
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 082046 Background



This preview shows how black text looks on a background with the Hex color 082046.



This preview shows how white text looks on a background with the Hex color 082046.

# 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**

082046

**Protanopia**

002045

**Deuteranopia**

00233C



# Tritanopia

002528

# Trichromacy



**Original Color**  
082046

**Protanomaly**  
032045

**Deuteranomaly**  
032240

**Tritanomaly**  
032333

# Monochromacy



**Original Color**  
082046

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
151E2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 082046 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 #082046 looks like.

```
.text, #text, p{  
    color:#082046  
}
```

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 #082046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082046
}
```

## Border

The CSS property to change the border of an element to Hex 082046 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
#082046 }
```

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

```
.border{ border-color:#082046 }
```

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

Here you see how a box with a 4 pixel #082046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082046; -webkit-box-shadow:4px 4px  
4px 4px #082046; box-shadow:4px 4px 4px  
4px #082046 }
```

# Background

The CSS property to change the background color of an element to Hex 082046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082046 }
```

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

```
.background{ background-color:#082046 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor