

Converting Colors

Hex(082455)

Have a look what the booklet for
Hex(082455) contains.

Hex(082455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(082455)

Conversions

Conversions Part 1

Format	Color
Hex	082455
RGB	8, 36, 85
RGB Percent	3%, 14%, 33%
CMY	0.9686, 0.8588, 0.6667
CMYK	0.91, 0.58, 0.00, 0.67
HSL	218°, 83%, 18%
HSV	218°, 91%, 33%
XYZ	2.3707, 1.9693, 8.8495
YIQ	33.2140, -32.4170, 9.3030

Conversions

Conversions Part 2

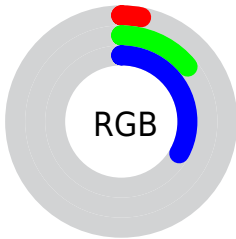
Format	Color
R_{YB}	8, 29, 85
Decimal	533589
CIE _{Lab}	15.33, 11.07, -32.62
CIE _{LCh}	15, 34.450, 288.738
Y _{xy}	1.9693, 0.1797, 0.1493
Android (android.graphics.Color)	4278723669 (0xFF082455)
YUV	33.2140, 25.5305, -22.1127
Hunter-Lab	14.0330, 5.5977, -27.5663

Details

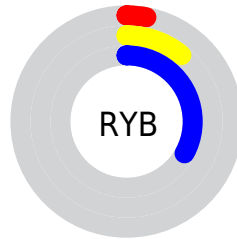
The Hex color **082455** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **553908**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **425087**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **001F55**, and if you desaturate by 10%, it is **102955**.

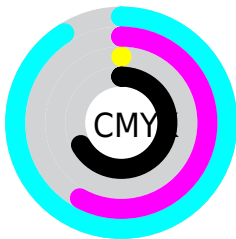
Distribution



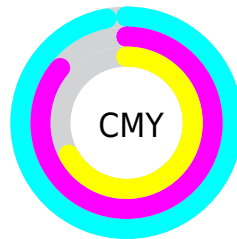
- Red (3%)
- Green (14%)
- Blue (33%)



- Red (3%)
- Yellow (11%)
- Blue (33%)



- Cyan (91%)
- Magenta (58%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 082455 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 082455 by changing the saturation by 10% instead.

082455

082455

FFFFFF

000F3D

425087

000327

5C68A2

000111

7781BD

000000

919BD9

ADB6F5

C9D1FF

E6EDFF

082455

082455

■ 001F55

■ 102955

■ 192F55

■ 213455

■ 2A3A55

■ 323F55

■ 3B4455

■ 434A55

■ 4C4F55

■ 545555

Harmonies

Analogous

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



002C57



082455



3A1747

Triad

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



082455



491600



00301C

Complementary

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



082455



553908

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.



022E00



082455



382200

Square

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



082455



500918



232A00



003135

Rectangle

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



082455



480E39



232A00



003013

Sweetspot

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



082455



505B6E



085539



262D38



B8B8B8



383838

Same Dimension

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



082455



00286E



120855



27292B



00276B



0055EB

Inverse Universe

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



550824



6E0028



4B5508



2B2729



6B0027



EB0055

Previews

White Background



This preview shows how the Hex color 082455 looks on a white background.

Color Contrast Check

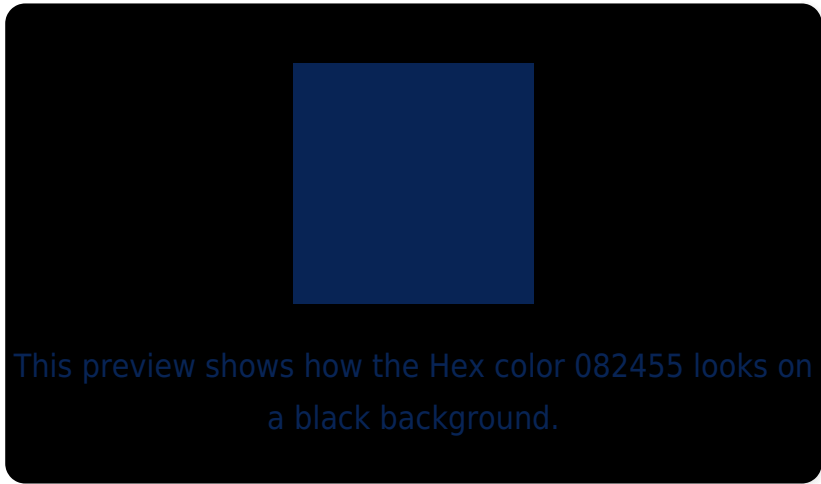
Large Text (above 18pt) WCAG AA ✓ Pass

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

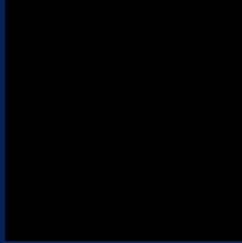
Any Text WCAG AA × Fail

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 082455 Background



This preview shows how black text looks on a background with the Hex color 082455.



This preview shows how white text looks on a background with the Hex color 082455.

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
082455

Protanopia
002650

Deuteranopia
002845



Tritanopia
002B2E

Trichromacy



Original Color
082455

Protanomaly
032552

Deuteranomaly
03274B

Tritanomaly
03283C

Monochromacy



Original Color
082455

Achromatopsia
212121

Achromatomaly
182234

CSS Examples

Text

The CSS property to change the color of the text to Hex 082455 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 #082455 looks like.

```
.text, #text, p{  
    color:#082455  
}
```

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 #082455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082455
}
```

Border

The CSS property to change the border of an element to Hex 082455 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
#082455 }
```

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

```
.border{ border-color:#082455 }
```

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

Here you see how a box with a 4 pixel #082455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082455; -webkit-box-shadow:4px 4px  
4px 4px #082455; box-shadow:4px 4px 4px  
4px #082455 }
```

Background

The CSS property to change the background color of an element to Hex 082455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082455 }
```

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

```
.background{ background-color:#082455 }
```

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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