

# Converting Colors

Hex(08205E)

Have a look what the booklet for  
Hex(08205E) contains.

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# Color

**Hex(08205E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	08205E
RGB	8, 32, 94
RGB Percent	3%, 13%, 37%
CMY	0.9686, 0.8745, 0.6314
CMYK	0.91, 0.66, 0.00, 0.63
HSL	223°, 84%, 20%
HSV	223°, 91%, 37%
XYZ	2.6370, 1.8928, 10.8160
YIQ	31.8920, -34.2060, 14.1940

# Conversions

## Conversions Part 2

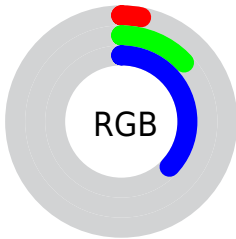
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 27, 94
Decimal	532574
CIE <sub>Lab</sub>	14.91, 18.11, -39.33
CIE <sub>LCh</sub>	15, 43.297, 294.733
Yxy	1.8928, 0.1718, 0.1233
Android (android.graphics.Color)	4278722654 (0xFF08205E)
YUV	31.8920, 30.6192, -20.9533
Hunter-Lab	13.7579, 10.1375, -36.9814

# Details

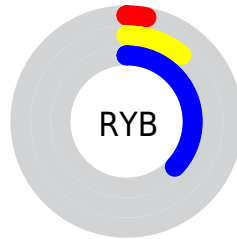
The Hex color **08205E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E4608**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **464C91**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **001A5E**, and if you desaturate by 10%, it is **11275E**.

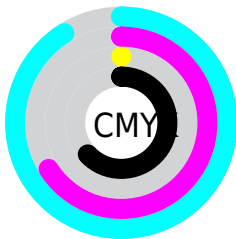
# Distribution



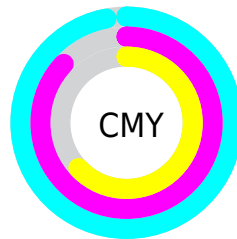
- Red (3%)
- Green (13%)
- Blue (37%)



- Red (3%)
- Yellow (11%)
- Blue (37%)



- Cyan (91%)
- Magenta (66%)
- Yellow (0%)
- Black (63%)



- Cyan (97%)
- Magenta (87%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08205E 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 08205E by changing the saturation by 10% instead.



08205E

08205E

FFFFFF

000B46

464C91

00042F

6063AC

000119

7B7CC8

000000

9696E4

B2B1FF

CFCCFF

ECE8FF

08205E

08205E

■ 001A5E

■ 11275E

■ 1B2E5E

■ 24345E

■ 2E3B5E

■ 37425E

■ 40495E

■ 4A4F5E

■ 53565E

■ 5D5D5E

# Harmonies

## Analogous

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



002B63



08205E



430A49

# Triad

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



08205E



4A1300



00311F

# Complementary

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



08205E



5E4608

# 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.



002F00



08205E



342300

# Square

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



08205E



57000D



172B00



00323E

# Rectangle

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



08205E



520036



172B00



003114



# Sweetspot

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



08205E



59637A



085E46



2A2F3D



BDBDBD



3D3D3D



# Same Dimension

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



08205E



00227A



1B085E



292B2E



001F6E



0042ED



# Inverse Universe

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



5E0820



7A0022



4B5E08



2E292B



6E001F



ED0042



# Previews

## White Background



This preview shows how the Hex color 08205E looks on a white background.

## Color Contrast Check

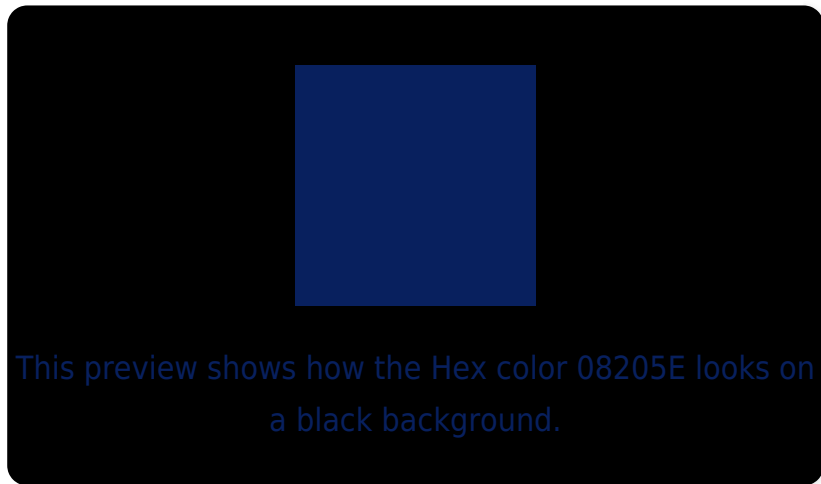
Large Text (above 18pt) WCAG AA ✓ Pass

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

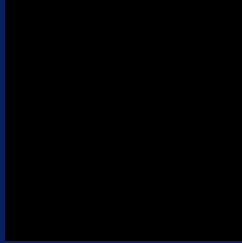
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 08205E Background



This preview shows how black text looks on a background with the Hex color 08205E.



This preview shows how white text looks on a background with the Hex color 08205E.

# 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**  
08205E

**Protanopia**  
00254E

**Deuteranopia**  
002743



**Tritanopia**  
002B2D

# Trichromacy



**Original Color**  
08205E

**Protanomaly**  
032354

**Deuteranomaly**  
03244D

**Tritanomaly**  
03273F

# Monochromacy



**Original Color**  
08205E

**Achromatopsia**  
202020

**Achromatomaly**  
172037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08205E 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 #08205E looks like.

```
.text, #text, p{  
    color:#08205E  
}
```

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 #08205E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08205E
}
```

## Border

The CSS property to change the border of an element to Hex 08205E 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
#08205E }
```

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

```
.border{ border-color:#08205E }
```

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

Here you see how a box with a 4 pixel #08205E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08205E; -webkit-box-shadow:4px 4px  
4px 4px #08205E; box-shadow:4px 4px 4px  
4px #08205E }
```

# Background

The CSS property to change the background color of an element to Hex 08205E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08205E }
```

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

```
.background{ background-color:#08205E }
```

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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