

# Converting Colors

Hex(092E75)

Have a look what the booklet for  
Hex(092E75) contains.

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# Color

**Hex(092E75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	092E75
RGB	9, 46, 117
RGB Percent	4%, 18%, 46%
CMY	0.9647, 0.8196, 0.5412
CMYK	0.92, 0.61, 0.00, 0.54
HSL	219°, 86%, 25%
HSV	219°, 92%, 46%
XYZ	4.3005, 3.2964, 17.2392
YIQ	43.0310, -44.8430, 14.2370

# Conversions

## Conversions Part 2

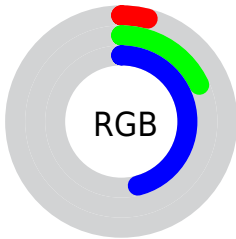
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 37, 117
Decimal	601717
CIE <sub>Lab</sub>	21.19, 17.85, -44.07
CIE <sub>LCh</sub>	21, 47.547, 292.050
Y <sub>xy</sub>	3.2964, 0.1732, 0.1327
Android (android.graphics.Color)	4278791797 (0xFF092E75)
Y <sub>UV</sub>	43.0310, 36.4667, -29.8452
Hunter-Lab	18.1560, 10.5074, -43.5868

# Details

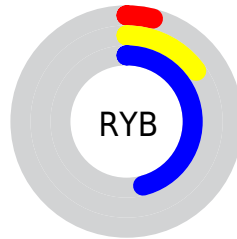
The Hex color **092E75** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **755009**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4D5BAA**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **002875**, and if you desaturate by 10%, it is **153675**.

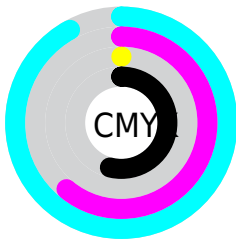
# Distribution



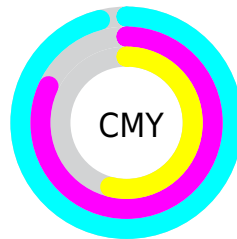
- Red (4%)
- Green (18%)
- Blue (46%)



- Red (4%)
- Yellow (15%)
- Blue (46%)



- Cyan (92%)
- Magenta (61%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (82%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 092E75 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 092E75 by changing the saturation by 10% instead.





092E75



092E75

FFFFFF



001A5C



4D5BAA



000044



6974C5



00032D



848DE2



000117



A0A7FF



000000



BCC3FF



D9DEFF



F7FBFF



092E75



092E75

■ 002875

■ 153675

■ 203D75

■ 2C4575

■ 384D75

■ 435475

■ 4F5C75

■ 5B6475

■ 676C75

■ 727375

# Harmonies

## Analogous

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



003A79



092E75



52185F

# Triad

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



092E75



601C00



004128

# Complementary

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



092E75



755009

# 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.



003E00



092E75



472E00

# Square

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



092E75



6D001B



273900



00414C

# Rectangle

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



092E75



650249



273900



00401C



# Sweetspot

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



092E75



6E7D99



09754F



323B4D



CCCCCC



4D4D4D



# Same Dimension

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



092E75



003499



190975



35373B



002A7A



0056FA



# Inverse Universe

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



75092E



990034



657509



3B3537



7A002A



FA0056



# Previews

## White Background



This preview shows how the Hex color 092E75 looks on a white background.

## Color Contrast Check

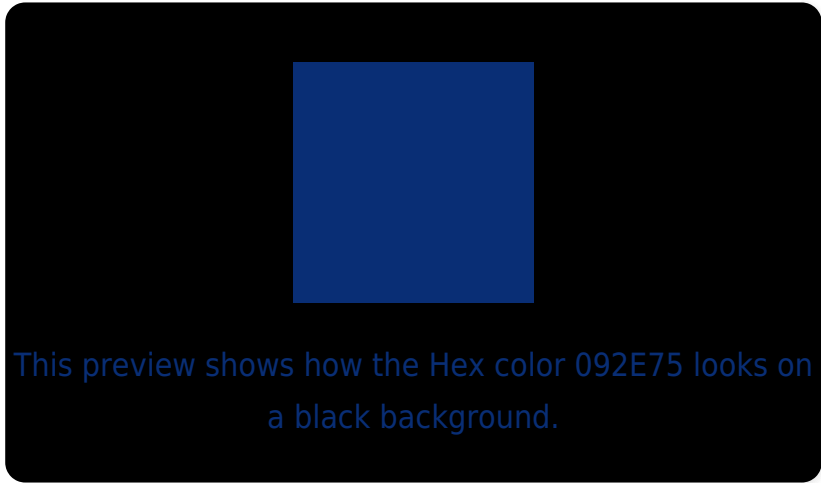
Large Text (above 18pt) WCAG AA ✓ Pass

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

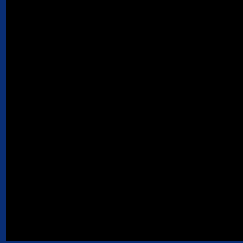
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 092E75 Background



This preview shows how black text looks on a background with the Hex color 092E75.



This preview shows how white text looks on a background with the Hex color 092E75.

# 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**  
092E75

**Protanopia**  
003269

**Deuteranopia**  
00355A



**Tritanopia**  
00393C

# Trichromacy



**Original Color**  
092E75

**Protanomaly**  
03316D

**Deuteranomaly**  
033264

**Tritanomaly**  
033551

# Monochromacy



**Original Color**  
092E75

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
1F2C46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 092E75 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 #092E75 looks like.

```
.text, #text, p{  
    color:#092E75  
}
```

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 #092E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #092E75
}
```

## Border

The CSS property to change the border of an element to Hex 092E75 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
#092E75 }
```

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

```
.border{ border-color:#092E75 }
```

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

Here you see how a box with a 4 pixel #092E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #092E75; -webkit-box-shadow:4px 4px  
4px 4px #092E75; box-shadow:4px 4px 4px  
4px #092E75 }
```

# Background

The CSS property to change the background color of an element to Hex 092E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#092E75 }
```

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

```
.background{ background-color:#092E75 }
```

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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