

# Converting Colors

Hex(005E8B)

Have a look what the booklet for  
Hex(005E8B) contains.

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# Color

**Hex(005E8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005E8B
RGB	0, 94, 139
RGB Percent	0%, 37%, 55%
CMY	1.0000, 0.6314, 0.4549
CMYK	1.00, 0.32, 0.00, 0.45
HSL	199°, 100%, 27%
HSV	199°, 100%, 55%
XYZ	8.6629, 9.8695, 25.8745
YIQ	71.0240, -70.4690, -5.9330

# Conversions

## Conversions Part 2

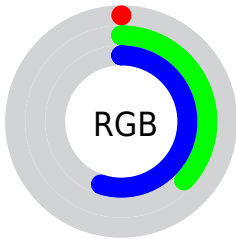
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 139
Decimal	24203
CIELab	37.61, -6.05, -31.45
CIELCh	38, 32.030, 259.112
Yxy	9.8695, 0.1951, 0.2223
Android (android.graphics.Color)	4278214283 (0xFF005E8B)
YUV	71.0240, 33.5122, -62.2880
Hunter-Lab	31.4157, -5.7561, -26.8412

# Details

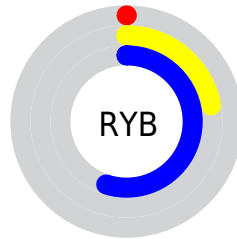
The Hex color **005E8B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8B2D00**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5090C1**, and **003059** is the 20% darker color. If you saturate the color by 10%, you get **005E8B**, and if you desaturate by 10%, it is **0E638B**.

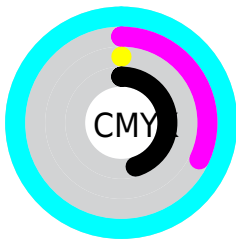
# Distribution



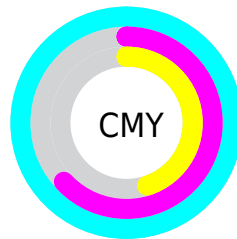
- Red (0%)
- Green (37%)
- Blue (55%)



- Red (0%)
- Yellow (22%)
- Blue (55%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (63%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005E8B 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 005E8B by changing the saturation by 10% instead.



■ 005E8B

■ 005E8B

FFFFFF

■ 004771

■ 5090C1

■ 003059

■ 6DABDD

■ 001C41

■ 8AC6F9

■ 00032B

■ A6E2FF

■ 000115

■ C3FEFF

■ 000000

■ E0FFFF

FEFFFF

■ 005E8B

■ 0E638B

■ 1C678B

■ 2A6C8B

■ 38708B

■ 46758B

■ 53798B

■ 617E8B

■ 6F828B

■ 7D868B

# Harmonies

## Analogous

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



00637F



005E8B



4B5589

# Triad

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



005E8B



894349



396235

# Complementary

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



005E8B



8B2D00

# 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.



575C26



005E8B



814A32

# Square

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



005E8B



844463



705425



02654E

# Rectangle

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



005E8B



654F81



705425



44602F



# Sweetspot

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



005E8B



7FA3B5



008B2C



3B515C



DBDBDB



5C5C5C



# Same Dimension

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



005E8B



007AB5



00198B



3E4345



005A85



000305



# Inverse Universe

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



8B005E



B5007A



8B7200



453E43



85005A



050003



# Previews

## White Background



This preview shows how the Hex color 005E8B looks on a white background.

## Color Contrast Check

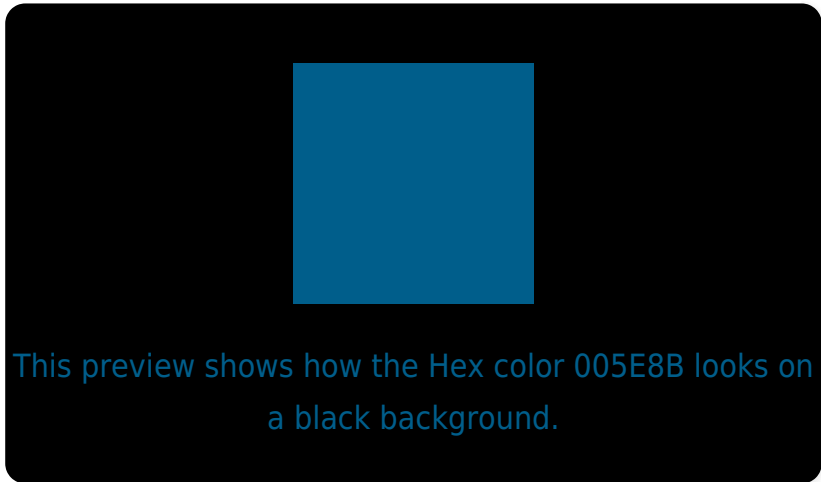
Large Text (above 18pt) WCAG AA ✓ Pass

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

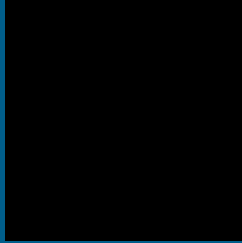
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005E8B Background



This preview shows how black text looks on a background with the Hex color 005E8B.



This preview shows how white text looks on a background with the Hex color 005E8B.

# 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





**Tritanopia**  
00626A

# Trichromacy



**Original Color**  
005E8B

**Protanomaly**  
2E5A87

**Deuteranomaly**  
265B8C

**Tritanomaly**  
006176

# Monochromacy



**Original Color**  
005E8B

**Achromatopsia**  
474747

**Achromatomaly**  
2D4F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005E8B 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 #005E8B looks like.

```
.text, #text, p{  
    color:#005E8B  
}
```

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 #005E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E8B
}
```

## Border

The CSS property to change the border of an element to Hex 005E8B 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
#005E8B }
```

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

```
.border{ border-color:#005E8B }
```

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

Here you see how a box with a 4 pixel #005E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E8B; -webkit-box-shadow:4px 4px  
4px 4px #005E8B; box-shadow:4px 4px 4px  
4px #005E8B }
```

# Background

The CSS property to change the background color of an element to Hex 005E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E8B }
```

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

```
.background{ background-color:#005E8B }
```

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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