

# Converting Colors

Hex(005D8F)

Have a look what the booklet for  
Hex(005D8F) contains.

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# Color

Hex(005D8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	005D8F
RGB	0, 93, 143
RGB Percent	0%, 36%, 56%
CMY	1.0000, 0.6353, 0.4392
CMYK	1.00, 0.35, 0.00, 0.44
HSL	201°, 100%, 28%
HSV	201°, 100%, 56%
XYZ	8.8723, 9.8119, 27.4129
YIQ	70.8930, -71.4780, -4.1660

# Conversions

## Conversions Part 2

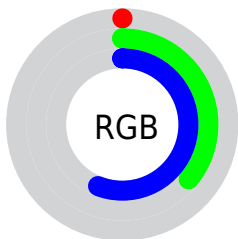
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 143
Decimal	23951
CIELab	37.50, -3.80, -34.04
CIELCh	38, 34.253, 263.628
Yxy	9.8119, 0.1925, 0.2129
Android (android.graphics.Color)	4278214031 (0xFF005D8F)
YUV	70.8930, 35.5488, -62.1732
Hunter-Lab	31.3239, -4.2580, -29.9604

# Details

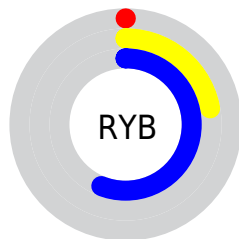
The Hex color **005D8F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F3200**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **518FC5**, and **00305C** is the 20% darker color. If you saturate the color by 10%, you get **005D8F**, and if you desaturate by 10%, it is **0E628F**.

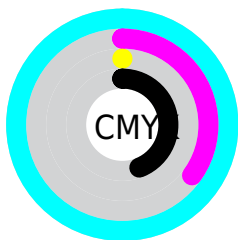
# Distribution



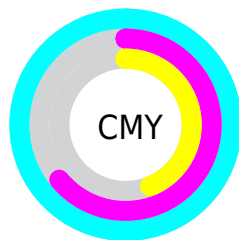
- Red (0%)
- Green (36%)
- Blue (56%)



- Red (0%)
- Yellow (22%)
- Blue (56%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (64%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005D8F 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 005D8F by changing the saturation by 10% instead.



■ 005D8F

■ 005D8F

FFFFFF

■ 004675

■ 518FC5

■ 00305C

■ 6EA9E1

■ 001B44

■ 8BC5FE

■ 00042E

■ A8E0FF

■ 000118

■ C5FDFF

■ 000000

■ E2FFFF

■ 005D8F

■ 0E628F

■ 1D678F

■ 2B6C8F

■ 39718F

■ 48768F

■ 567B8F

■ 64808F

■ 72858F

■ 818A8F

# Harmonies

## Analogous

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



006384



005D8F



50538B

# Triad

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



005D8F



8B4244



316336

# Complementary

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



005D8F



8F3200

# 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.



525D23



005D8F



814A2C

# Square

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



005D8F



88415F



6D551F



006651

# Rectangle

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



005D8F



6A4C80



6D551F



3D612F



# Sweetspot

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



005D8F



82A7BA



008F30



3C525E



DEDEDE



5E5E5E



# Same Dimension

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



005D8F



0079BA



00188F



404547



005887



000508



# Inverse Universe

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



8F005D



BA0079



8F7700



474045



870058



080005



# Previews

## White Background



This preview shows how the Hex color 005D8F looks on a white background.

## Color Contrast Check

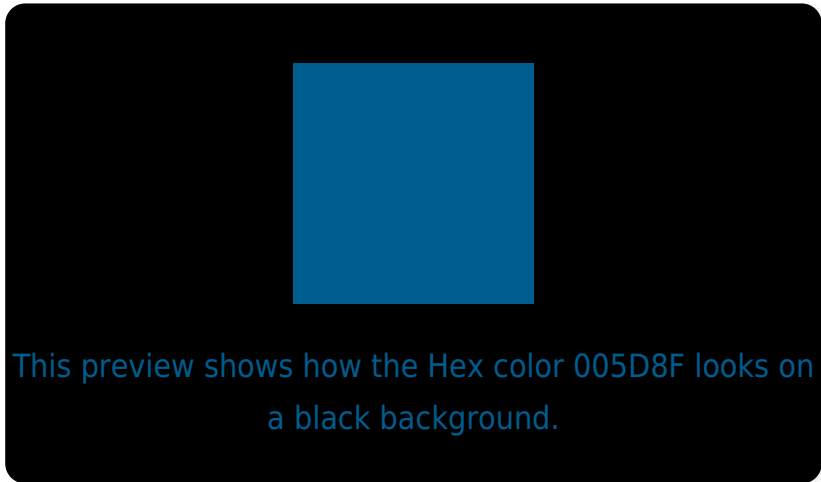
Large Text (above 18pt) WCAG AA ✓ Pass

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

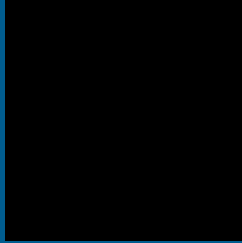
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005D8F Background



This preview shows how black text looks on a background with the Hex color 005D8F.



This preview shows how white text looks on a background with the Hex color 005D8F.

# 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





# Trichromacy



**Original Color**  
005D8F

**Protanomaly**  
2D598B

**Deuteranomaly**  
225A90

**Tritanomaly**  
006077

# Monochromacy



**Original Color**  
005D8F

**Achromatopsia**  
474747

**Achromatomaly**  
2D4F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005D8F 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 #005D8F looks like.

```
.text, #text, p{  
    color:#005D8F  
}
```

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 #005D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D8F
}
```

## Border

The CSS property to change the border of an element to Hex 005D8F 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
#005D8F }
```

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

```
.border{ border-color:#005D8F }
```

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

Here you see how a box with a 4 pixel #005D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D8F; -webkit-box-shadow:4px 4px  
4px 4px #005D8F; box-shadow:4px 4px 4px  
4px #005D8F }
```

# Background

The CSS property to change the background color of an element to Hex 005D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D8F }
```

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

```
.background{ background-color:#005D8F }
```

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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