

Converting Colors

Hex(005C87)

Have a look what the booklet for
Hex(005C87) contains.

Hex(005C87)	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(005C87)

Conversions

Conversions Part 1

Format	Color
Hex	005C87
RGB	0, 92, 135
RGB Percent	0%, 36%, 53%
CMY	1.0000, 0.6392, 0.4706
CMYK	1.00, 0.32, 0.00, 0.47
HSL	199°, 100%, 26%
HSV	199°, 100%, 53%
XYZ	8.2003, 9.4036, 24.3045
YIQ	69.3940, -68.6350, -6.1310

Conversions

Conversions Part 2

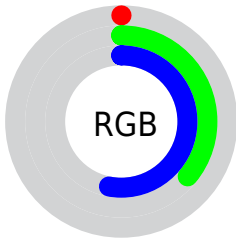
Format	Color
RYB	0, 55, 135
Decimal	23687
CIELab	36.75, -6.43, -30.37
CIELCh	37, 31.048, 258.040
Yxy	9.4036, 0.1957, 0.2244
Android (android.graphics.Color)	4278213767 (0xFF005C87)
YUV	69.3940, 32.3438, -60.8585
Hunter-Lab	30.6652, -5.9307, -25.5262

Details

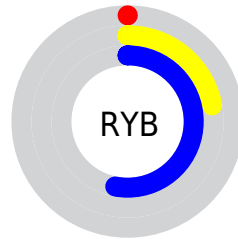
The Hex color **005C87** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **872B00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4F8EBD**, and **002F55** is the 20% darker color. If you saturate the color by 10%, you get **005C87**, and if you desaturate by 10%, it is **0D6087**.

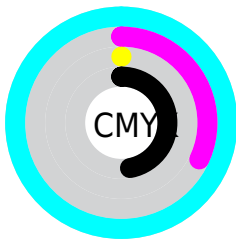
Distribution



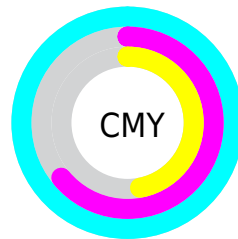
- Red (0%)
- Green (36%)
- Blue (53%)



- Red (0%)
- Yellow (22%)
- Blue (53%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C87 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 005C87 by changing the saturation by 10% instead.

005C87

005C87

FFFFFF

00456D

4F8EBD

002F55

6CA8D8

001A3D

88C4F5

000327

A5DFFF

000111

C1FCFF

000000

DFFFFF

FCFFFF

005C87

■ 0D6087

■ 1B6587

■ 296987

■ 366D87

■ 447187

■ 517687

■ 5E7A87

■ 6C7E87

■ 7A8387

Harmonies

Analogous

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



00617B



005C87



485486

Triad

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



005C87



864248



3A5F34

Complementary

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



005C87



872B00

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.



565A25



005C87



7F4832

Square

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



005C87



804362



6E5225



09634B

Rectangle

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



005C87



614D7E



6E5225



445E2E

Sweetspot

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



005C87



7B9FB0



00872B



394F59



D9D9D9



595959

Same Dimension

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



005C87



0078B0



001987



3C4042



005982



000203

Inverse Universe

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



87005C



B00078



876E00



423C40



820059



030002

Previews

White Background



This preview shows how the Hex color 005C87 looks on a white background.

Color Contrast Check

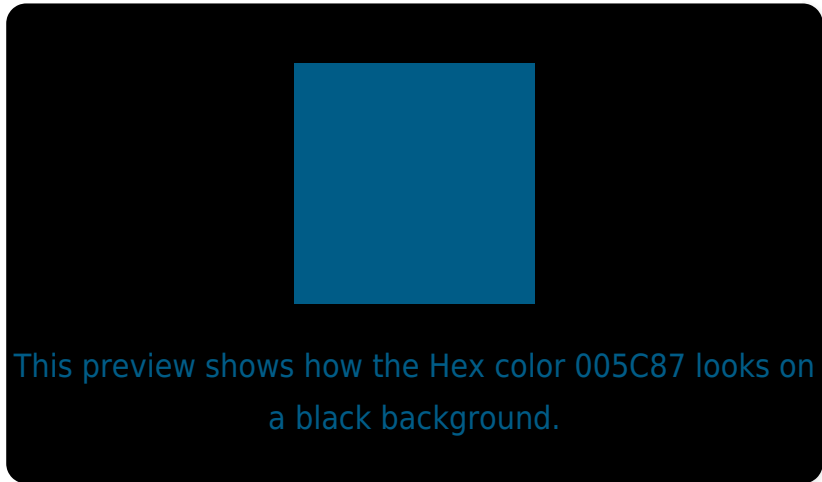
Large Text (above 18pt) WCAG AA ✓ Pass

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

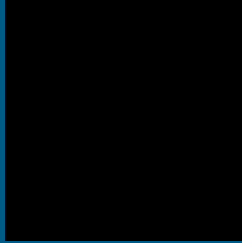
Any Text WCAG AA × Fail

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 005C87 Background



This preview shows how black text looks on a background with the Hex color 005C87.



This preview shows how white text looks on a background with the Hex color 005C87.

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
005C87

Protanomaly
2E5883

Deuteranomaly
265988

Tritanomaly
005F73

Monochromacy



Original Color
005C87

Achromatopsia
454545

Achromatomaly
2C4D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C87 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 #005C87 looks like.

```
.text, #text, p{  
    color:#005C87  
}
```

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 #005C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C87
}
```

Border

The CSS property to change the border of an element to Hex 005C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

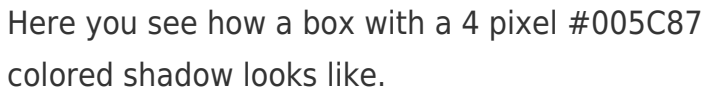
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005C87 }
```

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

```
.border{ border-color:#005C87 }
```

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



Here you see how a box with a 4 pixel #005C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C87; -webkit-box-shadow:4px 4px  
4px 4px #005C87; box-shadow:4px 4px 4px  
4px #005C87 }
```

Background

The CSS property to change the background color of an element to Hex 005C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C87 }
```

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

```
.background{ background-color:#005C87 }
```

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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