

Converting Colors

Hex(005A87)

Have a look what the booklet for
Hex(005A87) contains.

Hex(005A87)	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(005A87)

Conversions

Conversions Part 1

Format	Color
Hex	005A87
RGB	0, 90, 135
RGB Percent	0%, 35%, 53%
CMY	1.0000, 0.6471, 0.4706
CMYK	1.00, 0.33, 0.00, 0.47
HSL	200°, 100%, 26%
HSV	200°, 100%, 53%
XYZ	8.0293, 9.0616, 24.2475
YIQ	68.2200, -68.0850, -5.0850

Conversions

Conversions Part 2

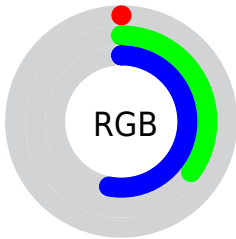
Format	Color
RYB	0, 54, 135
Decimal	23175
CIELab	36.10, -5.19, -31.39
CIELCh	36, 31.821, 260.613
Yxy	9.0616, 0.1942, 0.2192
Android (android.graphics.Color)	4278213255 (0xFF005A87)
YUV	68.2200, 32.9225, -59.8289
Hunter-Lab	30.1025, -5.0674, -26.6863

Details

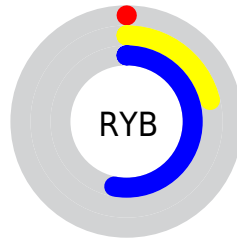
The Hex color **005A87** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **872D00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4F8CBD**, and **002D55** is the 20% darker color. If you saturate the color by 10%, you get **005A87**, and if you desaturate by 10%, it is **0D5F87**.

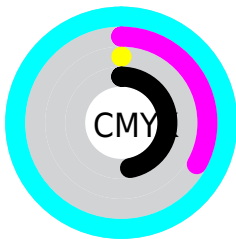
Distribution



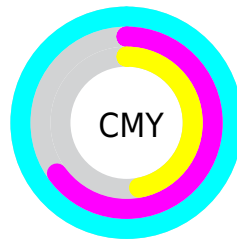
- Red (0%)
- Green (35%)
- Blue (53%)



- Red (0%)
- Yellow (21%)
- Blue (53%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A87 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 005A87 by changing the saturation by 10% instead.

005A87

005A87

FFFFFF

00436D

4F8CBD

002D55

6CA6D8

00193D

88C1F5

000327

A4DDFF

000111

C1FAFF

000000

DEFFFF

FCFFFF

005A87

■ 0D5F87

■ 1B6387

■ 296887

■ 366C87

■ 447187

■ 517587

■ 5E7A87

■ 6C7E87

■ 7A8387

Harmonies

Analogous

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



005F7C



005A87



4A5185

Triad

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



005A87



854044



345E33

Complementary

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



005A87



872D00

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.



525923



005A87



7C472E

Square

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



005A87



80405E



6B5121



00614C

Rectangle

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



005A87



634B7C



6B5121



3F5D2D

Sweetspot

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



005A87



7B9EB0



00872D



394F59



D9D9D9



595959

Same Dimension

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



005A87



0075B0



001987



3C4042



005782



000203

Inverse Universe

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



87005A



B00075



877100



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 005A87 looks on a white background.

Color Contrast Check

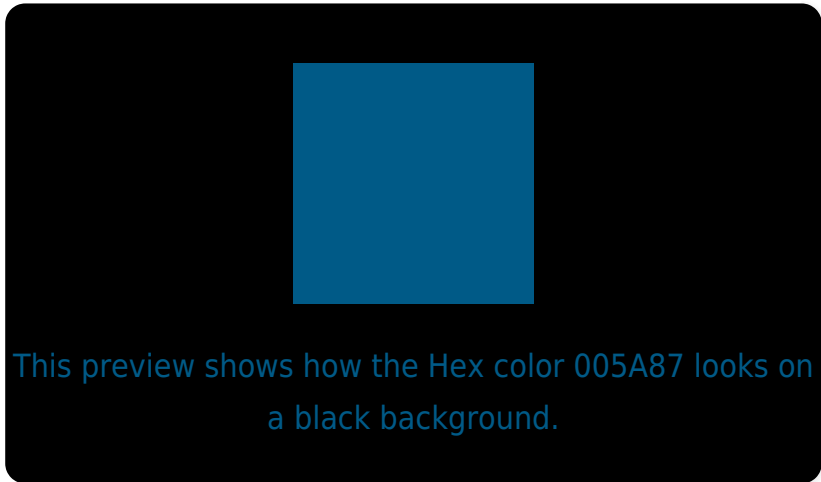
Large Text (above 18pt) WCAG AA ✓ Pass

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

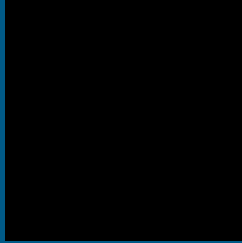
Any Text WCAG AA × Fail

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 005A87 Background



This preview shows how black text looks on a background with the Hex color 005A87.



This preview shows how white text looks on a background with the Hex color 005A87.

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
005F65

Trichromacy



Original Color
005A87

Protanomaly
2C5683

Deuteranomaly
235788

Tritanomaly
005D71

Monochromacy



Original Color
005A87

Achromatopsia
444444

Achromatomaly
2B4C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A87 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 #005A87 looks like.

```
.text, #text, p{  
    color:#005A87  
}
```

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 #005A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A87  
}
```

Border

The CSS property to change the border of an element to Hex 005A87 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  
#005A87 }
```

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

```
.border{ border-color:#005A87 }
```

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

Here you see how a box with a 4 pixel #005A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A87; -webkit-box-shadow:4px 4px  
4px 4px #005A87; box-shadow:4px 4px 4px  
4px #005A87 }
```

Background

The CSS property to change the background color of an element to Hex 005A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A87 }
```

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

```
.background{ background-color:#005A87 }
```

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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