

Converting Colors

Hex(005087)

Have a look what the booklet for
Hex(005087) contains.

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Color

Hex(005087)

Conversions

Conversions Part 1

Format	Color
Hex	005087
RGB	0, 80, 135
RGB Percent	0%, 31%, 53%
CMY	1.0000, 0.6863, 0.4706
CMYK	1.00, 0.41, 0.00, 0.47
HSL	204°, 100%, 26%
HSV	204°, 100%, 53%
XYZ	7.2418, 7.4866, 23.9850
YIQ	62.3500, -65.3350, 0.1450

Conversions

Conversions Part 2

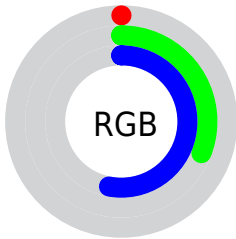
Format	Color
RYB	0, 50, 135
Decimal	20615
CIELab	32.89, 1.24, -36.49
CIELCh	33, 36.516, 271.941
Yxy	7.4866, 0.1871, 0.1934
Android (android.graphics.Color)	4278210695 (0xFF005087)
YUV	62.3500, 35.8165, -54.6809
Hunter-Lab	27.3616, -0.6391, -32.8201

Details

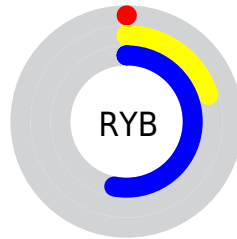
The Hex color **005087** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **873700**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4F81BD**, and **002455** is the 20% darker color. If you saturate the color by 10%, you get **005087**, and if you desaturate by 10%, it is **0D5587**.

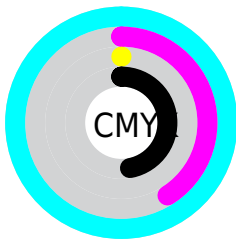
Distribution



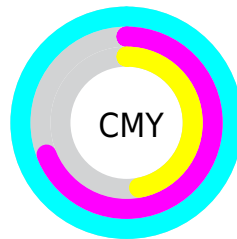
- Red (0%)
- Green (31%)
- Blue (53%)



- Red (0%)
- Yellow (20%)
- Blue (53%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (69%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005087 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 005087 by changing the saturation by 10% instead.

■ 005087

■ 005087

FFFFFF

■ 00396D

■ 4F81BD

■ 002455

■ 6B9BD9

■ 000F3D

■ 87B5F5

■ 000327

■ A4D1FF

■ 000110

■ C1EDFF

■ 000000

■ DEFFFF

■ FCFEFF

■ 005087

■ 0D5587

■ 1B5B87

■ 296087

■ 366687

■ 446B87

■ 517187

■ 5E7687

■ 6C7C87

■ 7A8287

Harmonies

Analogous

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



005780



005087



50457E

Triad

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



005087



803731



0E5931

Complementary

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



005087



873700

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.



3E5419



005087



72421A

Square

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



005087



81324D



5B4D0E



005B4E

Rectangle

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



005087



693D71



5B4D0E



245828

Sweetspot

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



005087



7B9AB0



008736



394C59



D9D9D9



595959

Same Dimension

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



005087



0068B0



000D87



3C4042



004D82



000203

Inverse Universe

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



870050



B00068



877A00



423C40



82004D



030002

Previews

White Background



This preview shows how the Hex color 005087 looks on a white background.

Color Contrast Check

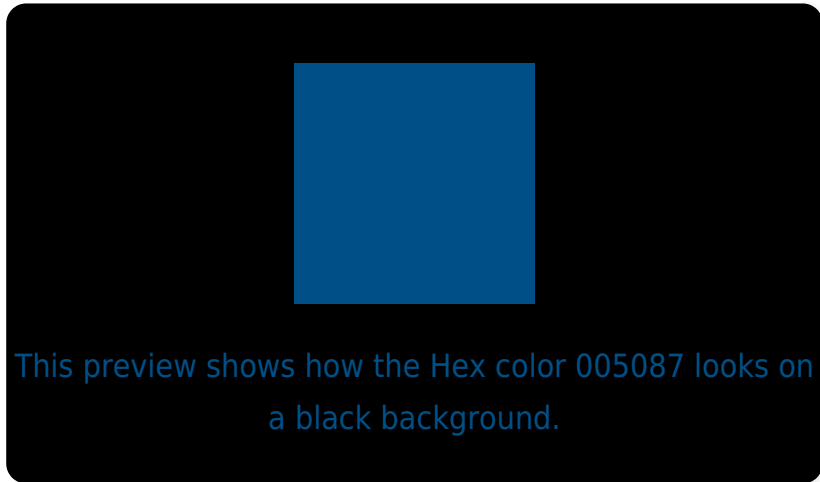
Large Text (above 18pt) WCAG AA ✓ Pass

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

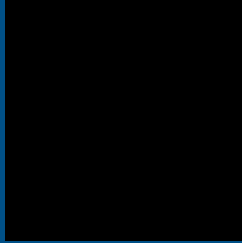
Any Text WCAG AA × Fail

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 005087 Background



This preview shows how black text looks on a background with the Hex color 005087.



This preview shows how white text looks on a background with the Hex color 005087.

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
005087

Protanopia
364C83

Deuteranopia
1E4F87



Tritanopia
00565C

Trichromacy



Original Color
005087

Protanomaly
224D84

Deuteranomaly
134F87

Tritanomaly
00546C

Monochromacy



Original Color
005087

Achromatopsia
3E3E3E

Achromatomaly
274559

CSS Examples

Text

The CSS property to change the color of the text to Hex 005087 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 #005087 looks like.

```
.text, #text, p{  
    color:#005087  
}
```

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 #005087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005087
}
```

Border

The CSS property to change the border of an element to Hex 005087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

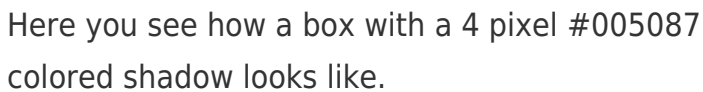
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005087 }
```

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

```
.border{ border-color:#005087 }
```

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



Here you see how a box with a 4 pixel #005087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005087; -webkit-box-shadow:4px 4px  
4px 4px #005087; box-shadow:4px 4px 4px  
4px #005087 }
```

Background

The CSS property to change the background color of an element to Hex 005087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005087 }
```

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

```
.background{ background-color:#005087 }
```

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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