

# Converting Colors

Hex(005086)

Have a look what the booklet for  
Hex(005086) contains.

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# Color

**Hex(005086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005086
RGB	0, 80, 134
RGB Percent	0%, 31%, 53%
CMY	1.0000, 0.6863, 0.4745
CMYK	1.00, 0.40, 0.00, 0.47
HSL	204°, 100%, 26%
HSV	204°, 100%, 53%
XYZ	7.1717, 7.4586, 23.6159
YIQ	62.2360, -65.0140, -0.1660

# Conversions

## Conversions Part 2

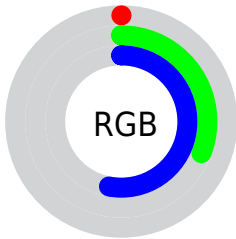
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 134
Decimal	20614
CIELab	32.83, 0.81, -35.98
CIELCh	33, 35.987, 271.297
Yxy	7.4586, 0.1875, 0.1950
Android (android.graphics.Color)	4278210694 (0xFF005086)
YUV	62.2360, 35.3797, -54.5810
Hunter-Lab	27.3103, -0.9188, -32.1522

# Details

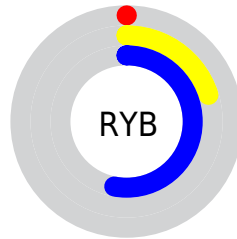
The Hex color **005086** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **863600**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4E81BC**, and **002454** is the 20% darker color. If you saturate the color by 10%, you get **005086**, and if you desaturate by 10%, it is **0D5586**.

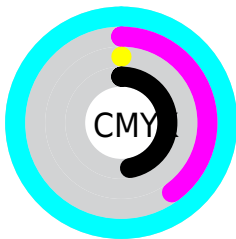
# Distribution



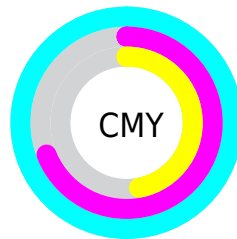
- Red (0%)
- Green (31%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 005086 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 005086 by changing the saturation by 10% instead.



005086

005086

FFFFFF

00396C

4E81BC

002454

6B9BD8

000F3C

87B5F4

000226

A3D1FF

00010F

C0EDFF

000000

DDFFFF

FBFFFF

005086

■ 0D5586

■ 1B5B86

■ 286086

■ 366686

■ 436B86

■ 507086

■ 5E7686

■ 6B7B86

■ 798186

# Harmonies

## Analogous

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



00577F



005086



4F457E

# Triad

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



005086



7F3731



125931

# Complementary

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



005086



863600

# 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



005086



71421B

# Square

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



005086



80334D



5B4C0F



005B4E

# Rectangle

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



005086



683D71



5B4C0F



255828



# Sweetspot

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



005086



7998AD



008636



374A57



D6D6D6



575757



# Same Dimension

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



005086



0068AD



000D86



3C4042



004E82



000203



# Inverse Universe

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



860050



AD0068



867900



423C40



82004E



030002



# Previews

## White Background



This preview shows how the Hex color 005086 looks on a white background.

## Color Contrast Check

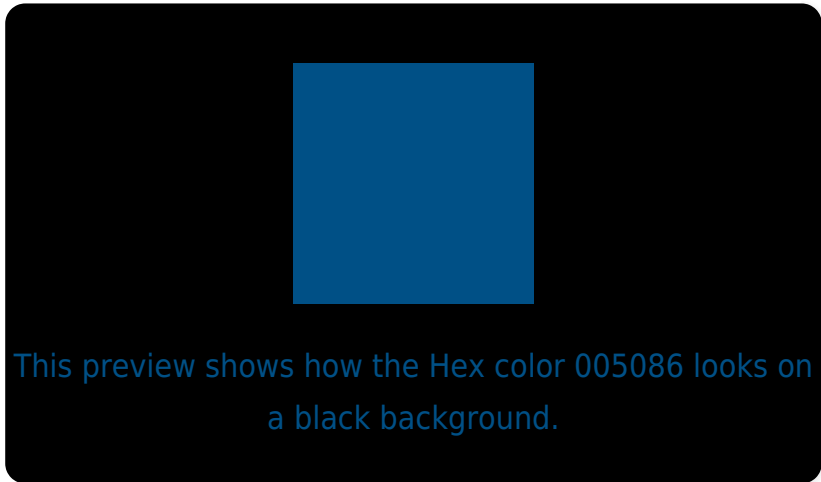
Large Text (above 18pt) WCAG AA ✓ Pass

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

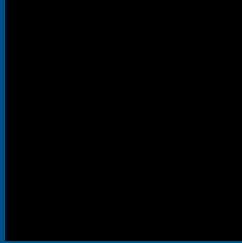
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005086 Background



This preview shows how black text looks on a background with the Hex color 005086.



This preview shows how white text looks on a background with the Hex color 005086.

# 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**  
005086

**Protanomaly**  
234D83

**Deuteranomaly**  
144F86

**Tritanomaly**  
00546B

# Monochromacy



**Original Color**  
005086

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
274558

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005086 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 #005086 looks like.

```
.text, #text, p{  
    color:#005086  
}
```

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 #005086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005086
}
```

## Border

The CSS property to change the border of an element to Hex 005086 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
#005086 }
```

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

```
.border{ border-color:#005086 }
```

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

Here you see how a box with a 4 pixel #005086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005086; -webkit-box-shadow:4px 4px  
4px 4px #005086; box-shadow:4px 4px 4px  
4px #005086 }
```

# Background

The CSS property to change the background color of an element to Hex 005086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005086 }
```

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

```
.background{ background-color:#005086 }
```

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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