

Converting Colors

Hex(005B8F)

Have a look what the booklet for
Hex(005B8F) contains.

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Color

Hex(005B8F)

Conversions

Conversions Part 1

Format	Color
Hex	005B8F
RGB	0, 91, 143
RGB Percent	0%, 36%, 56%
CMY	1.0000, 0.6431, 0.4392
CMYK	1.00, 0.36, 0.00, 0.44
HSL	202°, 100%, 28%
HSV	202°, 100%, 56%
XYZ	8.6990, 9.4653, 27.3551
YIQ	69.7190, -70.9280, -3.1200

Conversions

Conversions Part 2

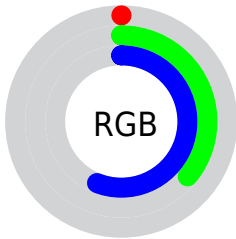
Format	Color
RYB	0, 56, 143
Decimal	23439
CIELab	36.87, -2.54, -35.05
CIELCh	37, 35.144, 265.855
Yxy	9.4653, 0.1911, 0.2079
Android (android.graphics.Color)	4278213519 (0xFF005B8F)
YUV	69.7190, 36.1275, -61.1436
Hunter-Lab	30.7658, -3.3694, -31.1811

Details

The Hex color **005B8F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F3400**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **518DC5**, and **002E5C** is the 20% darker color. If you saturate the color by 10%, you get **005B8F**, and if you desaturate by 10%, it is **0E608F**.

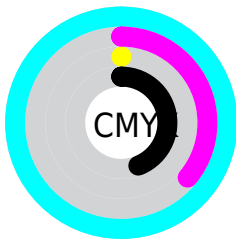
Distribution



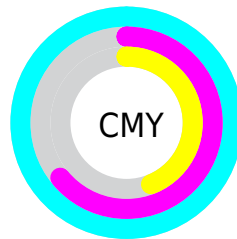
- Red (0%)
- Green (36%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005B8F 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 005B8F by changing the saturation by 10% instead.

 005B8F

 005B8F

FFFFFF

 004475

 518DC5

 002E5C

 6EA7E1

 001A44

 8BC2FE

 00032E

 A7DEFF

 000118

 C4FBFF

 000000

 E2FFFF

 005B8F

 0E608F

 1D658F

 2B6B8F

 39708F

 48758F

 567A8F

 647F8F

 72858F

 818A8F

Harmonies

Analogous

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



006285



005B8F



52518A

Triad

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



005B8F



8A4040



2A6236

Complementary

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



005B8F



8F3400

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.



4E5C21



005B8F



7F4928

Square

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



005B8F



883E5C



6A541B



006452

Rectangle

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



005B8F



6C497E



6A541B



38602E

Sweetspot

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



005B8F



82A6BA



008F32



3C525E



DEDEDE



5E5E5E

Same Dimension

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



005B8F



0076BA



00158F



404547



005687



000508

Inverse Universe

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



8F005B



BA0076



8F7A00



474045



870056



080005

Previews

White Background



This preview shows how the Hex color 005B8F looks on a white background.

Color Contrast Check

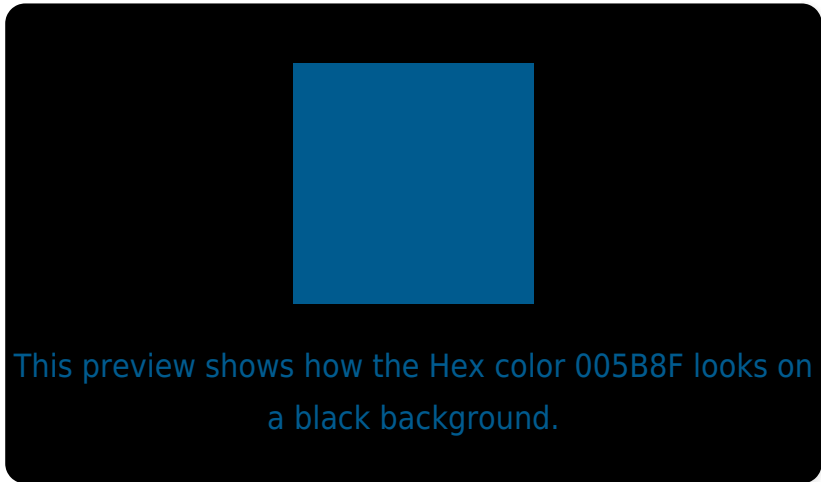
Large Text (above 18pt) WCAG AA ✓ Pass

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

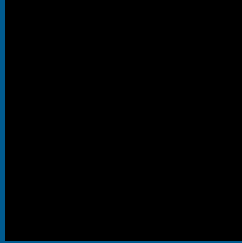
Any Text WCAG AA × Fail

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 005B8F Background



This preview shows how black text looks on a background with the Hex color 005B8F.



This preview shows how white text looks on a background with the Hex color 005B8F.

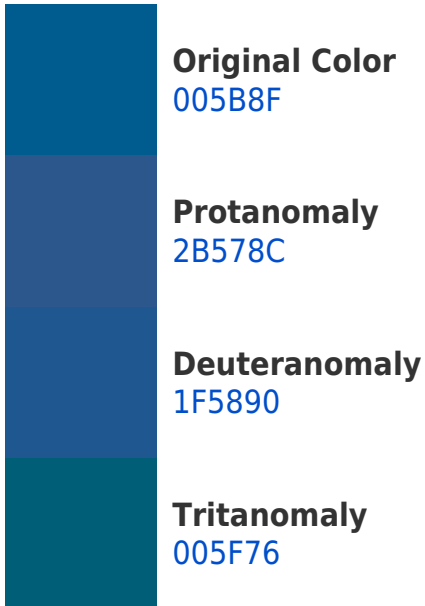
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005B8F 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 #005B8F looks like.

```
.text, #text, p{  
    color:#005B8F  
}
```

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 #005B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B8F
}
```

Border

The CSS property to change the border of an element to Hex 005B8F 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
#005B8F }
```

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

```
.border{ border-color:#005B8F }
```

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

Here you see how a box with a 4 pixel #005B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B8F; -webkit-box-shadow:4px 4px  
4px 4px #005B8F; box-shadow:4px 4px 4px  
4px #005B8F }
```

Background

The CSS property to change the background color of an element to Hex 005B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B8F }
```

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

```
.background{ background-color:#005B8F }
```

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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