

Converting Colors

Hex(005A92)

Have a look what the booklet for
Hex(005A92) contains.

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Color

Hex(005A92)

Conversions

Conversions Part 1

Format	Color
Hex	005A92
RGB	0, 90, 146
RGB Percent	0%, 35%, 57%
CMY	1.0000, 0.6471, 0.4275
CMYK	1.00, 0.38, 0.00, 0.43
HSL	203°, 100%, 29%
HSV	203°, 100%, 57%
XYZ	8.8445, 9.3877, 28.5400
YIQ	69.4740, -71.6160, -1.6640

Conversions

Conversions Part 2

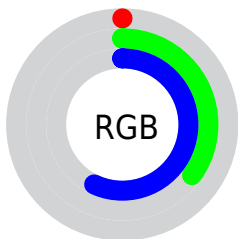
Format	Color
RYB	0, 56, 146
Decimal	23186
CIELab	36.72, -0.67, -37.10
CIELCh	37, 37.105, 268.972
Yxy	9.3877, 0.1891, 0.2007
Android (android.graphics.Color)	4278213266 (0xFF005A92)
YUV	69.4740, 37.7273, -60.9287
Hunter-Lab	30.6393, -2.0921, -33.7802

Details

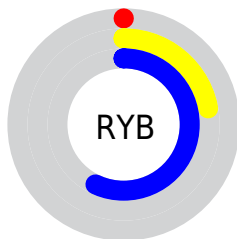
The Hex color **005A92** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **923800**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **528CC8**, and **002D5F** is the 20% darker color. If you saturate the color by 10%, you get **005A92**, and if you desaturate by 10%, it is **0F6092**.

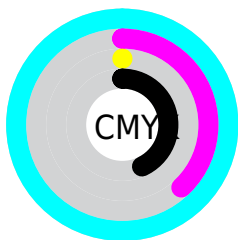
Distribution



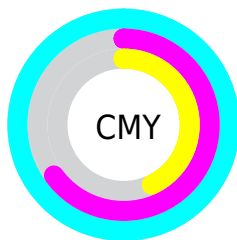
- Red (0%)
- Green (35%)
- Blue (57%)



- Red (0%)
- Yellow (22%)
- Blue (57%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A92 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 005A92 by changing the saturation by 10% instead.

■ 005A92

■ 005A92

FFFFFF

■ 004378

■ 528CC8

■ 002D5F

■ 6FA6E5

■ 001947

■ 8CC1FF

■ 000430

■ A9DDFF

■ 00011A

■ C6F9FF

■ 000000

■ E3FFFF

■ 005A92

■ 0F6092

■ 1D6592

■ 2C6B92

■ 3A7092

■ 497692

■ 587C92

■ 668192

■ 758792

■ 838C92

Harmonies

Analogous

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



006189



005A92



554F8B

Triad

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



005A92



8C3F3B



206236

Complementary

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



005A92



923800

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.



4A5D1F



005A92



7E4923

Square

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



005A92



8B3B59



675516



006554

Rectangle

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



005A92



70477E



675516



31612D

Sweetspot

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



005A92



84A7BD



009238



3C515E



DEDEDE



5E5E5E

Same Dimension

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



005A92



0074BD



001192



43474A



00558A



00060A

Inverse Universe

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



92005A



BD0074



928100



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 005A92 looks on a white background.

Color Contrast Check

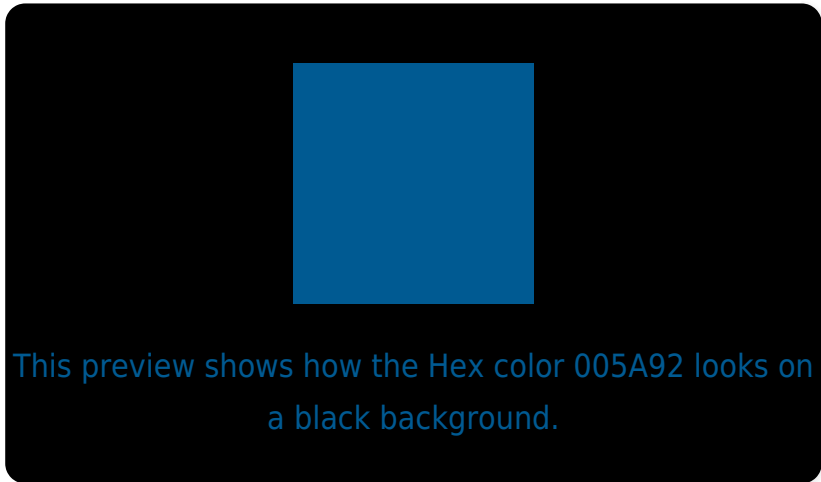
Large Text (above 18pt) WCAG AA ✓ Pass

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

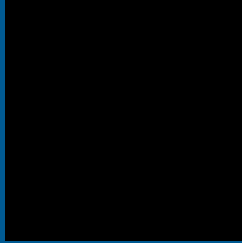
Any Text WCAG AA × Fail

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 005A92 Background



This preview shows how black text looks on a background with the Hex color 005A92.



This preview shows how white text looks on a background with the Hex color 005A92.

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
005A92

Protanomaly
29578F

Deuteranomaly
1B5893

Tritanomaly
005E77

Monochromacy



Original Color
005A92

Achromatopsia
454545

Achromatomaly
2C4D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A92 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 #005A92 looks like.

```
.text, #text, p{  
    color:#005A92  
}
```

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 #005A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A92
}
```

Border

The CSS property to change the border of an element to Hex 005A92 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
#005A92 }
```

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

```
.border{ border-color:#005A92 }
```

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

Here you see how a box with a 4 pixel #005A92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A92; -webkit-box-shadow:4px 4px  
4px 4px #005A92; box-shadow:4px 4px 4px  
4px #005A92 }
```

Background

The CSS property to change the background color of an element to Hex 005A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A92 }
```

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

```
.background{ background-color:#005A92 }
```

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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