

Converting Colors

Hex(005A98)

Have a look what the booklet for
Hex(005A98) contains.

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Color

Hex(005A98)

Conversions

Conversions Part 1

Format	Color
Hex	005A98
RGB	0, 90, 152
RGB Percent	0%, 35%, 60%
CMY	1.0000, 0.6471, 0.4039
CMYK	1.00, 0.41, 0.00, 0.40
HSL	204°, 100%, 30%
HSV	204°, 100%, 60%
XYZ	9.3237, 9.5793, 31.0633
YIQ	70.1580, -73.5420, 0.2020

Conversions

Conversions Part 2

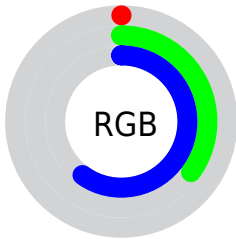
Format	Color
RYB	0, 57, 152
Decimal	23192
CIELab	37.08, 1.82, -40.15
CIELCh	37, 40.191, 272.593
Yxy	9.5793, 0.1866, 0.1917
Android (android.graphics.Color)	4278213272 (0xFF005A98)
YUV	70.1580, 40.3481, -61.5286
Hunter-Lab	30.9505, -0.3912, -37.8409

Details

The Hex color **005A98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **983E00**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **548CCF**, and **002D64** is the 20% darker color. If you saturate the color by 10%, you get **005A98**, and if you desaturate by 10%, it is **0F6098**.

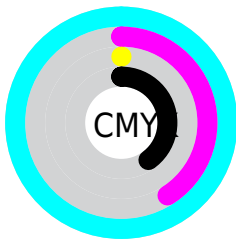
Distribution



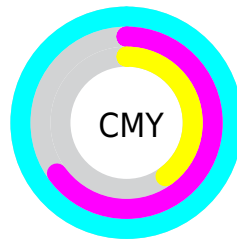
- Red (0%)
- Green (35%)
- Blue (60%)



- Red (0%)
- Yellow (22%)
- Blue (60%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A98 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 005A98 by changing the saturation by 10% instead.

■ 005A98

■ 005A98

FFFFFF

■ 00437E

■ 548CCF

■ 002D64

■ 71A6EB

■ 00194C

■ 8EC1FF

■ 000535

■ ABDDFF

■ 00021F

■ C8F9FF

■ 000002

■ E6FFFF

■ 000000

■ 005A98

■ 0F6098

 1E6698

 2E6D98

 3D7398

 4C7998

 5B7F98

 6A8598

 7A8C98

 899298

Harmonies

Analogous

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



006290



005A98



5C4D8E

Triad

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



005A98



8F3E36



0C6538

Complementary

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



005A98



983E00

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.



455F1C



005A98



7F4A1C

Square

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



005A98



913956



66570F



006759

Rectangle

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



005A98



77447F



66570F



27632E

Sweetspot

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



005A98



89ACC4



00983D



405563



E3E3E3



636363

Same Dimension

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



005A98



0074C4



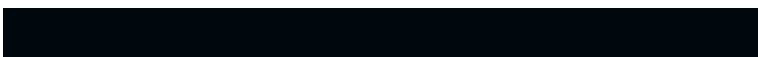
000F98



45494D



00538C



00080D

Inverse Universe

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



98005A



C40074



988900



4D4549



8C0053



0D0008

Previews

White Background



This preview shows how the Hex color 005A98 looks on a white background.

Color Contrast Check

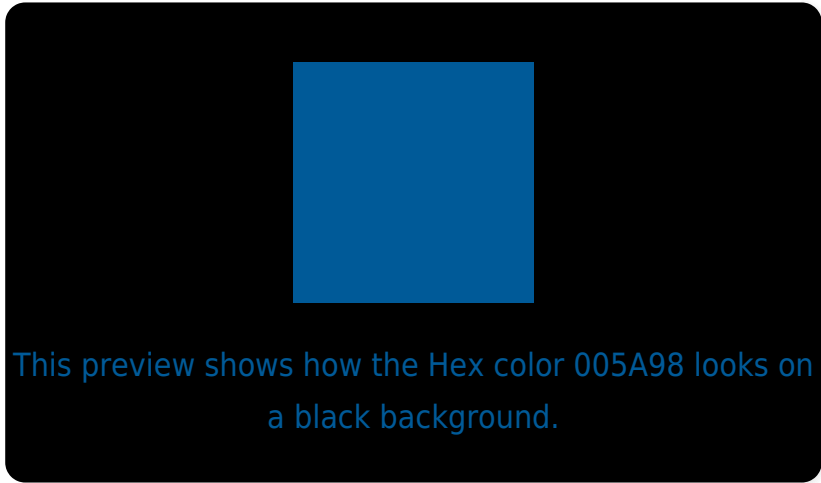
Large Text (above 18pt) WCAG AA ✓ Pass

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

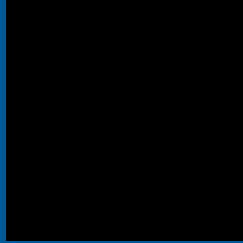
Any Text WCAG AA × Fail

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 005A98 Background



This preview shows how black text looks on a background with the Hex color 005A98.



This preview shows how white text looks on a background with the Hex color 005A98.

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
005A98

Protanomaly
275795

Deuteranomaly
165998

Tritanomaly
005E79

Monochromacy



Original Color
005A98

Achromatopsia
464646

Achromatomaly
2D4D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A98 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 #005A98 looks like.

```
.text, #text, p{  
    color:#005A98  
}
```

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 #005A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A98  
}
```

Border

The CSS property to change the border of an element to Hex 005A98 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  
#005A98 }
```

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

```
.border{ border-color:#005A98 }
```

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

Here you see how a box with a 4 pixel #005A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A98; -webkit-box-shadow:4px 4px  
4px 4px #005A98; box-shadow:4px 4px 4px  
4px #005A98 }
```

Background

The CSS property to change the background color of an element to Hex 005A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A98 }
```

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

```
.background{ background-color:#005A98 }
```

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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