

# Converting Colors

Hex(526A89)

Have a look what the booklet for  
Hex(526A89) contains.

|  |    |
|--|----|
| <b>Hex(526A89)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(526A89)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 526A89                     |
| RGB           | 82, 106, 137               |
| RGB Percent   | 32%, 42%, 54%              |
| CMY           | 0.6784, 0.5843, 0.4627     |
| CMYK          | 0.40, 0.23, 0.00, 0.46     |
| HSL           | 214°, 25%, 43%             |
| HSV           | 214°, 40%, 54%             |
| XYZ           | 13.1491, 13.9080, 25.6584  |
| YIQ           | 102.3580, -24.2550, 4.5530 |

# Conversions

## Conversions Part 2

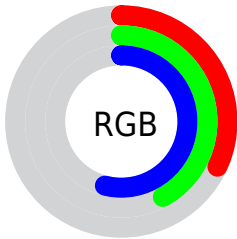
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 82, 99, 137                    |
| Decimal                             | 5401225                        |
| CIE <sub>Lab</sub>                  | 44.10, -0.46, -19.91           |
| CIE <sub>LCh</sub>                  | 44, 19.917, 268.680            |
| Yxy                                 | 13.9080, 0.2494,<br>0.2638     |
| Android<br>(android.graphics.Color) | 4283591305<br>(0xFF526A89)     |
| YUV                                 | 102.3580, 17.0785,<br>-17.8540 |
| Hunter-Lab                          | 37.2935, -2.3275,<br>-14.6868  |

# Details

The Hex color **526A89** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **897152**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **859DBE**, and **203B57** is the 20% darker color. If you saturate the color by 10%, you get **446289**, and if you desaturate by 10%, it is **607289**.

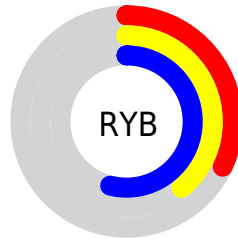
# Distribution



Red (32%)

Green (42%)

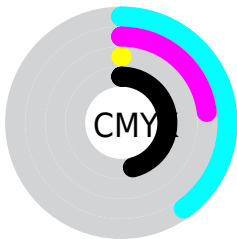
Blue (54%)



Red (32%)

Yellow (39%)

Blue (54%)

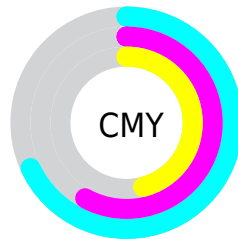


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (46%)



Cyan (68%)

Magenta (58%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 526A89 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 526A89 by changing the saturation by 10% instead.



■ 526A89

■ 526A89

FFFFFF

■ 395270

■ 859DBE

■ 203B57

■ A0B8DA

■ 042640

■ BCD4F7

■ 00102A

■ D8F0FF

■ 000114

■ F5FFFF

■ 000000

■ 526A89

■ 526A89

■ 446289

■ 607289

■ 375B89

■ 6D7989

■ 295389

■ 7B8189

■ 1B4B89

■ 898989

■ 0E4389

■ 979189

■ 003C89

■ A49889

■ B2A089

■ C0A889

■ CDAF89

# Harmonies

## Analogous

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



3D6F84



526A89



6A6485

# Triad

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



526A89



895D59



507057

# Complementary

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



526A89



897152

# 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.



636C4B



526A89



82614D

# Square

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



526A89



885C6A



756747



3E7167

# Rectangle

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



526A89



77617E



756747



576F52



# Sweetspot

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



526A89



9DA6B3



528970



4D5259



D9D9D9



595959



# Same Dimension

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



526A89



5D82B3



555289



3E4145



003A85



000205



# Inverse Universe

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



89526A



B35D82



868952



453E41



85003A



050002



# Previews

## White Background



This preview shows how the Hex color 526A89 looks on a white background.

## Color Contrast Check

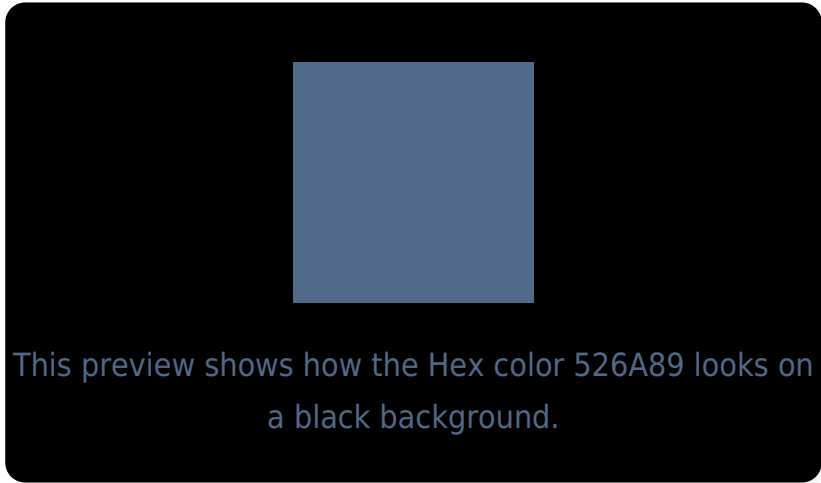
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

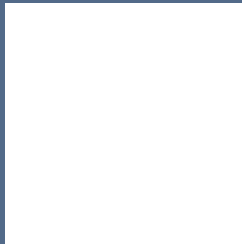
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 526A89 Background



This preview shows how black text looks on a background with the Hex color 526A89.

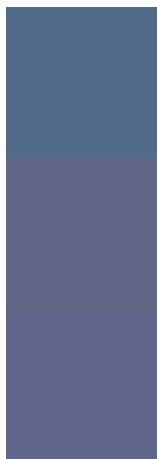


This preview shows how white text looks on a background with the Hex color 526A89.

# 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**  
526A89

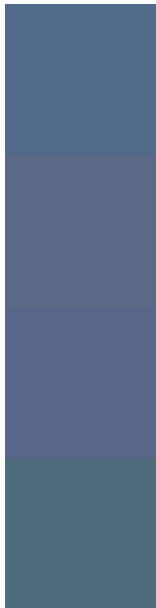
**Protanopia**  
606787

**Deuteranopia**  
60668A



**Tritanopia**  
4D6D76

# Trichromacy



**Original Color**  
526A89

**Protanomaly**  
5B6888

**Deuteranomaly**  
5B678A

**Tritanomaly**  
4F6C7D

# Monochromacy



**Original Color**  
526A89

**Achromatopsia**  
666666

**Achromatomaly**  
5F6773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 526A89 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 #526A89 looks like.

```
.text, #text, p{  
    color:#526A89  
}
```

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 #526A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #526A89
}
```

## Border

The CSS property to change the border of an element to Hex 526A89 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
#526A89 }
```

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

```
.border{ border-color:#526A89 }
```

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

Here you see how a box with a 4 pixel #526A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #526A89; -webkit-box-shadow:4px 4px  
4px 4px #526A89; box-shadow:4px 4px 4px  
4px #526A89 }
```

# Background

The CSS property to change the background color of an element to Hex 526A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#526A89 }
```

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

```
.background{ background-color:#526A89 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor