

# Converting Colors

Hex(516F90)

Have a look what the booklet for  
Hex(516F90) contains.

<b>Hex(516F90)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(516F90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	516F90
RGB	81, 111, 144
RGB Percent	32%, 44%, 56%
CMY	0.6824, 0.5647, 0.4353
CMYK	0.44, 0.23, 0.00, 0.44
HSL	211°, 28%, 44%
HSV	211°, 44%, 56%
XYZ	14.1118, 15.1318, 28.5625
YIQ	105.7920, -28.4730, 3.9030

# Conversions

## Conversions Part 2

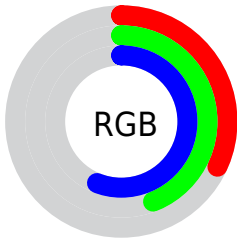
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 101, 144
Decimal	5336976
CIE <sub>Lab</sub>	45.81, -1.68, -21.45
CIE <sub>LCh</sub>	46, 21.519, 265.519
Yxy	15.1318, 0.2441, 0.2618
Android (android.graphics.Color)	4283527056 (0xFF516F90)
YUV	105.7920, 18.8365, -21.7426
Hunter-Lab	38.8996, -3.3190, -16.3046

# Details

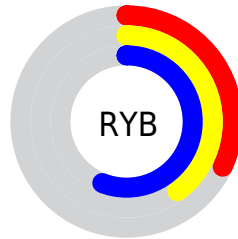
The Hex color **516F90** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **907251**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **85A3C6**, and **1E405D** is the 20% darker color. If you saturate the color by 10%, you get **436790**, and if you desaturate by 10%, it is **5F7790**.

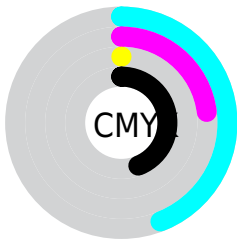
# Distribution



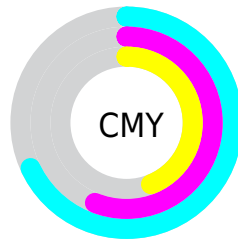
- Red (32%)
- Green (44%)
- Blue (56%)



- Red (32%)
- Yellow (40%)
- Blue (56%)



- Cyan (44%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)



- Cyan (68%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516F90 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 516F90 by changing the saturation by 10% instead.



■ 516F90

■ 516F90

FFFFFF

■ 385776

■ 85A3C6

■ 1E405D

■ A0BEE2

■ 002A46

■ BCD9FF

■ 00152F

■ D8F6FF

■ 00011A

■ F5FFFF

■ 000000

■ 516F90

■ 516F90

■ 436790

■ 5F7790

■ 346090

■ 6E7E90

■ 265890

■ 7C8690

■ 175190

■ 8B8D90

■ 094990

■ 999590

■ 004590

■ A79C90

■ B6A490

■ C4AB90

■ D3B390

# Harmonies

## Analogous

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



3A748A



516F90



6B698D

# Triad

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



516F90



90605E



547458

# Complementary

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



516F90



907251

# 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.



69704C



516F90



8A644F

# Square

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



516F90



8E5F70



7C6A49



407669

# Rectangle

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



516F90



7B6586



7C6A49



5B7353



# Sweetspot

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



516F90



A2ADBA



519072



4F565E



DEDEDE



5E5E5E



# Same Dimension

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



516F90



5786BA



525190



404447



004087



000408



# Inverse Universe

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



90516F



BA5786



8F9051



474044



870040



080004



# Previews

## White Background



This preview shows how the Hex color 516F90 looks on a white background.

## Color Contrast Check

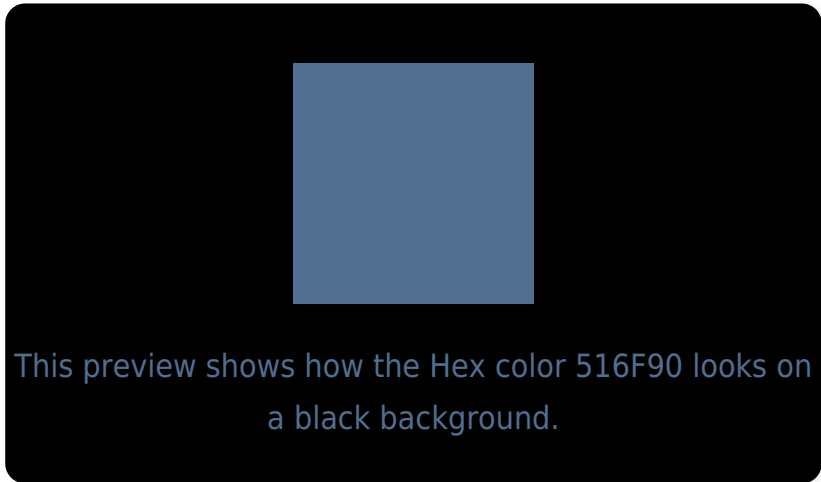
Large Text (above 18pt) WCAG AA ✓ Pass

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

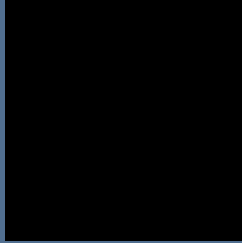
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

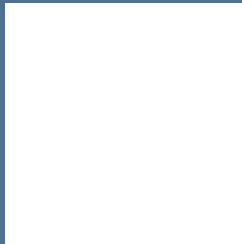
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 516F90 Background



This preview shows how black text looks on a background with the Hex color 516F90.



This preview shows how white text looks on a background with the Hex color 516F90.

# 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**  
516F90

**Protanopia**  
636B8D

**Deuteranopia**  
626B91



**Tritanopia**  
4B737C

# Trichromacy



**Original Color**  
516F90

**Protanomaly**  
5C6C8E

**Deuteranomaly**  
5C6C91

**Tritanomaly**  
4D7283

# Monochromacy



**Original Color**  
516F90

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
616C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516F90 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 #516F90 looks like.

```
.text, #text, p{  
    color:#516F90  
}
```

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 #516F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516F90
}
```

## Border

The CSS property to change the border of an element to Hex 516F90 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
#516F90 }
```

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

```
.border{ border-color:#516F90 }
```

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

Here you see how a box with a 4 pixel #516F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516F90; -webkit-box-shadow:4px 4px  
4px 4px #516F90; box-shadow:4px 4px 4px  
4px #516F90 }
```

# Background

The CSS property to change the background color of an element to Hex 516F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516F90 }
```

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

```
.background{ background-color:#516F90 }
```

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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