

# Converting Colors

Hex(566894)

Have a look what the booklet for  
Hex(566894) contains.

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# Color

**Hex(566894)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	566894
RGB	86, 104, 148
RGB Percent	34%, 41%, 58%
CMY	0.6627, 0.5922, 0.4196
CMYK	0.42, 0.30, 0.00, 0.42
HSL	223°, 26%, 46%
HSV	223°, 42%, 58%
XYZ	14.1334, 14.0172, 29.9777
YIQ	103.6340, -24.8520, 9.8680

# Conversions

## Conversions Part 2

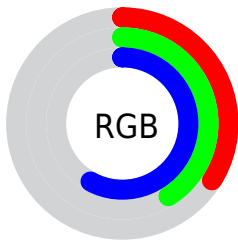
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 100, 148
Decimal	5662868
CIE Lab	44.26, 5.16, -26.22
CIE LCh	44, 26.721, 281.141
Yxy	14.0172, 0.2431, 0.2411
Android (android.graphics.Color)	4283852948 (0xFF566894)
YUV	103.6340, 21.8724, -15.4650
Hunter-Lab	37.4395, 1.8643, -21.2656

# Details

The Hex color **566894** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **948256**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8A9BCA**, and **233961** is the 20% darker color. If you saturate the color by 10%, you get **475D94**, and if you desaturate by 10%, it is **657394**.

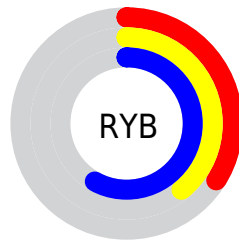
# Distribution



Red (34%)

Green (41%)

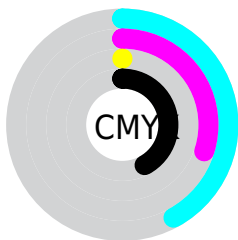
Blue (58%)



Red (34%)

Yellow (39%)

Blue (58%)

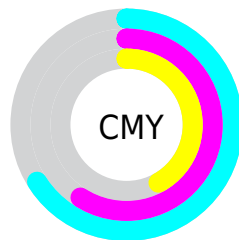


Cyan (42%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (59%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 566894 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 566894 by changing the saturation by 10% instead.



■ 566894

■ 566894

FFFFFF

■ 3D507A

■ 8A9BCA

■ 233961

■ A5B6E6

■ 052449

■ C1D1FF

■ 000E32

■ DDEEFF

■ 00021D

■ FAFFFF

■ 000000

■ 566894

■ 566894

■ 475D94

■ 657394

■ 385394

■ 747D94

■ 2A4894

■ 828894

■ 1B3E94

■ 919294

■ 0C3394

■ A09D94

■ 002B94

■ AFA794

■ BEB294

■ CCBC94

■ DBC794

# Harmonies

## Analogous

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



2F6F92



566894



76608A

# Triad

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



566894



905B4C



3B735A

# Complementary

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



566894



948256

# 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.



577046



566894



83623F

# Square

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



566894



945761



6F6A3C



1A7570

# Rectangle

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



566894



855B7E



6F6A3C



447352



# Sweetspot

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



566894



A6AEBF



569481



515661



E0E0E0



616161



# Same Dimension

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



566894



607BBF



625694



43454A



00288A



00030A



# Inverse Universe

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



945668



BF607B



889456



4A4345



8A0028



0A0003



# Previews

## White Background



This preview shows how the Hex color 566894 looks on a white background.

## Color Contrast Check

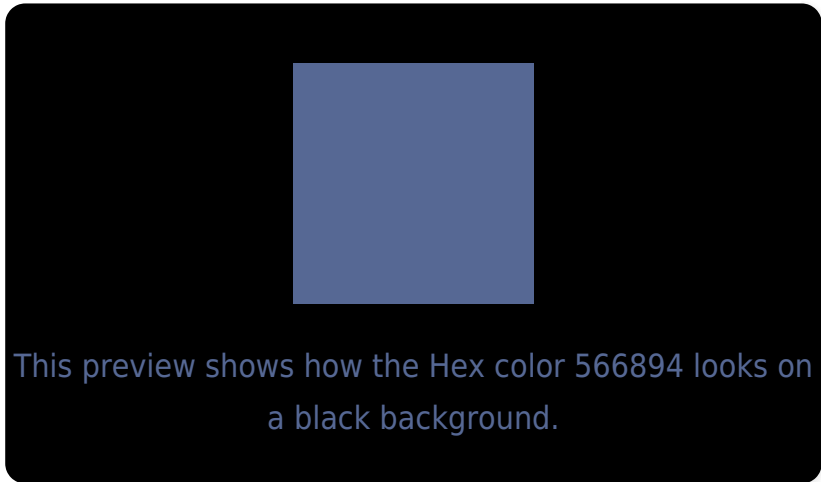
Large Text (above 18pt) WCAG AA ✓ Pass

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

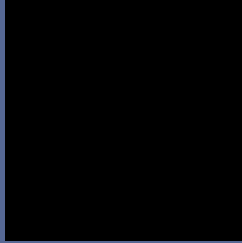
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

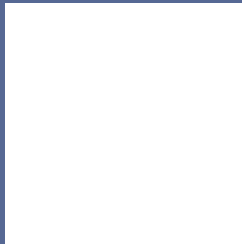
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 566894 Background



This preview shows how black text looks on a background with the Hex color 566894.



This preview shows how white text looks on a background with the Hex color 566894.

# 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**

566894

**Protanopia**

5B6793

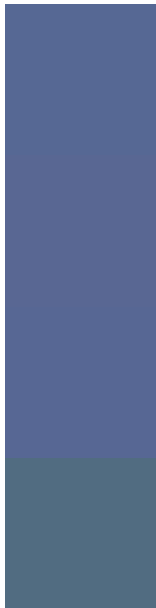
**Deuteranopia**

586794



**Tritanopia**  
4E6E76

# Trichromacy



**Original Color**  
566894

**Protanomaly**  
596793

**Deuteranomaly**  
576794

**Tritanomaly**  
516C81

# Monochromacy



**Original Color**  
566894

**Achromatopsia**  
686868

**Achromatomaly**  
616878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 566894 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 #566894 looks like.

```
.text, #text, p{  
    color:#566894  
}
```

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 #566894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566894
}
```

## Border

The CSS property to change the border of an element to Hex 566894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

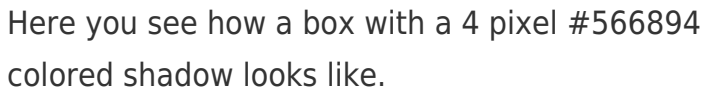
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#566894 }
```

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

```
.border{ border-color:#566894 }
```

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



Here you see how a box with a 4 pixel #566894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566894; -webkit-box-shadow:4px 4px  
4px 4px #566894; box-shadow:4px 4px 4px  
4px #566894 }
```

# Background

The CSS property to change the background color of an element to Hex 566894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566894 }
```

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

```
.background{ background-color:#566894 }
```

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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