

# Converting Colors

Hex(516294)

Have a look what the booklet for  
Hex(516294) contains.

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# Color

**Hex(516294)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516294
RGB	81, 98, 148
RGB Percent	32%, 38%, 58%
CMY	0.6824, 0.6157, 0.4196
CMYK	0.45, 0.34, 0.00, 0.42
HSL	225°, 29%, 45%
HSV	225°, 45%, 58%
XYZ	13.1063, 12.6228, 29.7626
YIQ	98.6170, -26.1820, 11.9460

# Conversions

## Conversions Part 2

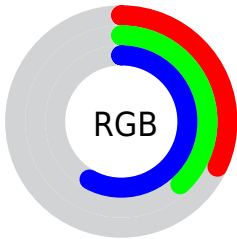
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 95, 148
Decimal	5333652
CIE Lab	42.19, 7.50, -29.47
CIE LCh	42, 30.411, 284.277
Yxy	12.6228, 0.2362, 0.2275
Android (android.graphics.Color)	4283523732 (0xFF516294)
<b>YUV</b>	98.6170, 24.3458, -15.4501
Hunter-Lab	35.5286, 3.6727, -24.7978

# Details

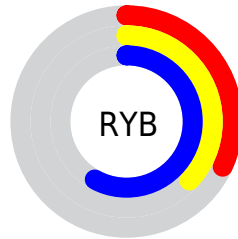
The Hex color **516294** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **948351**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8594CA**, and **1D3461** is the 20% darker color. If you saturate the color by 10%, you get **425794**, and if you desaturate by 10%, it is **606D94**.

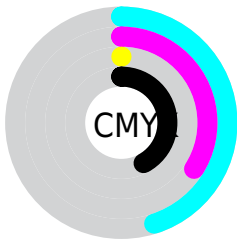
# Distribution



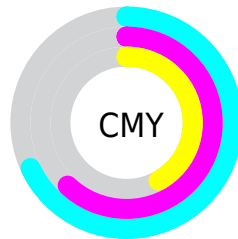
- Red (32%)
- Green (38%)
- Blue (58%)



- Red (32%)
- Yellow (37%)
- Blue (58%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (42%)



- Cyan (68%)
- Magenta (62%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516294 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 516294 by changing the saturation by 10% instead.



■ 516294

■ 516294

FFFFFF

■ 374A7A

■ 8594CA

■ 1D3461

■ A0AFE7

■ 001F49

■ BCCAFF

■ 000632

■ D9E6FF

■ 00021C

■ F5FFFF

■ 000000

■ 516294

■ 516294

■ 425794

■ 606D94

■ 334C94

■ 6F7894

■ 254194

■ 7D8394

■ 163694

■ 8C8E94

■ 072B94

■ 9B9994

■ 002694

■ AAA494

■ B9AF94

■ C7BA94

■ D6C594

# Harmonies

## Analogous

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



196A93



516294



755888

# Triad

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



516294



8E5542



287055

# Complementary

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



516294



948351

# 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.



4B6C3F



516294



7E5E33

# Square

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



516294



944F58



676632



00716F

# Rectangle

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



516294



86537A



676632



356F4D



# Sweetspot

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



516294



A4ABBF



519482



505561



E0E0E0



616161



# Same Dimension

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



516294



5872BF



615194



43444A



00238A



00030A



# Inverse Universe

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



945162



BF5872



849451



4A4344



8A0023

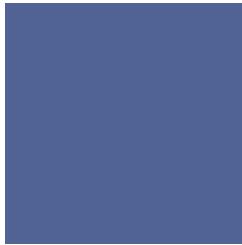


0A0003



# Previews

## White Background



This preview shows how the Hex color 516294 looks on a white background.

## Color Contrast Check

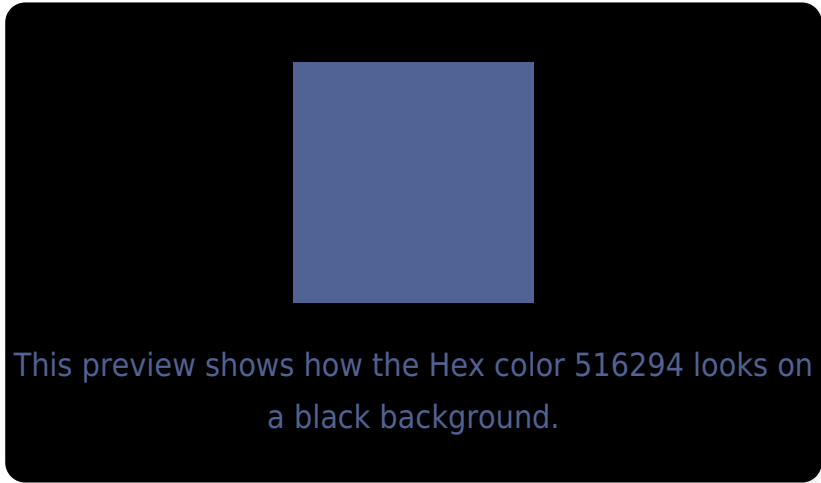
Large Text (above 18pt) WCAG AA ✓ Pass

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

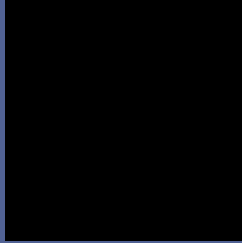
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

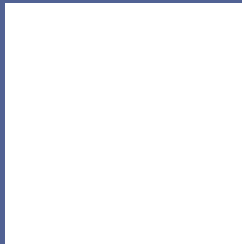
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 516294 Background



This preview shows how black text looks on a background with the Hex color 516294.



This preview shows how white text looks on a background with the Hex color 516294.

# 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**  
516294

**Protanopia**  
526294

**Deuteranopia**  
4E6394



**Tritanopia**  
476971

# Trichromacy



**Original Color**  
516294

**Protanomaly**  
526294

**Deuteranomaly**  
4F6394

**Tritanomaly**  
4B667E

# Monochromacy



**Original Color**  
516294

**Achromatopsia**  
636363

**Achromatomaly**  
5C6375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516294 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 #516294 looks like.

```
.text, #text, p{  
    color:#516294  
}
```

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 #516294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516294
}
```

## Border

The CSS property to change the border of an element to Hex 516294 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".

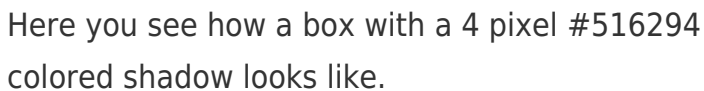
```
.border, #border, table{ border:4px solid
#516294 }
```

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

```
.border{ border-color:#516294 }
```

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

Here you see how a box with a 4 pixel #516294 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516294; -webkit-box-shadow:4px 4px  
4px 4px #516294; box-shadow:4px 4px 4px  
4px #516294 }
```

# Background

The CSS property to change the background color of an element to Hex 516294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516294 }
```

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

```
.background{ background-color:#516294 }
```

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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