

Converting Colors

Hex(516195)

Have a look what the booklet for
Hex(516195) contains.

Hex(516195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(516195)

Conversions

Conversions Part 1

Format	Color
Hex	516195
RGB	81, 97, 149
RGB Percent	32%, 38%, 58%
CMY	0.6824, 0.6196, 0.4157
CMYK	0.46, 0.35, 0.00, 0.42
HSL	226°, 30%, 45%
HSV	226°, 46%, 58%
XYZ	13.0928, 12.4686, 30.1504
YIQ	98.1440, -26.2280, 12.7800

Conversions

Conversions Part 2

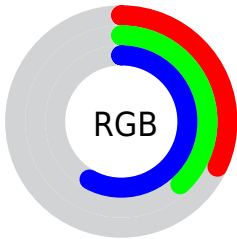
Format	Color
R_{YB}	81, 94, 149
Decimal	5333397
CIE _{Lab}	41.95, 8.44, -30.44
CIE _{LCh}	42, 31.590, 285.489
Yxy	12.4686, 0.2350, 0.2238
Android (android.graphics.Color)	4283523477 (0xFF516195)
YUV	98.1440, 25.0720, -15.0353
Hunter-Lab	35.3110, 4.3913, -25.9073

Details

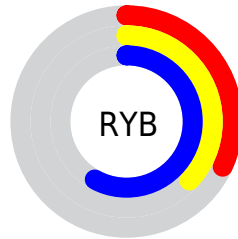
The Hex color **516195** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **958551**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8593CB**, and **1C3362** is the 20% darker color. If you saturate the color by 10%, you get **425695**, and if you desaturate by 10%, it is **606C95**.

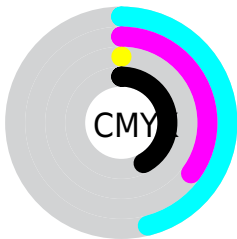
Distribution



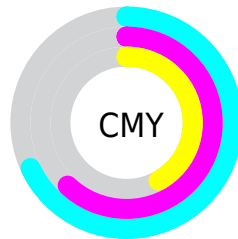
- Red (32%)
- Green (38%)
- Blue (58%)



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



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 516195 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 516195 by changing the saturation by 10% instead.

■ 516195

■ 516195

FFFFFF

■ 37497B

■ 8593CB

■ 1C3362

■ A1AEE8

■ 001E4A

■ BCC9FF

■ 000533

■ D9E5FF

■ 00021D

■ F6FFFF

■ 000000

■ 516195

■ 516195

■ 425695

■ 606C95

■ 334A95

■ 6F7895

■ 243F95

■ 7E8395

■ 153395

■ 8D8F95

■ 062895

■ 9C9A95

■ 002395

■ AAA595

■ B9B195

■ C8BC95

■ D7C895

Harmonies

Analogous

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



126995



516195



765788

Triad

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



516195



8E543F



217055

Complementary

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



516195



958551

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.



486C3D



516195



7E5D30

Square

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



516195



954E56



66662F



007070

Rectangle

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



516195



875179



66662F



306F4D

Sweetspot

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



516195



A7ADC2



519584



505461



E0E0E0



616161

Same Dimension

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



516195



5770C2



625195



43444A



00208A



00020A

Inverse Universe

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



955161



C25770



849551



4A4344



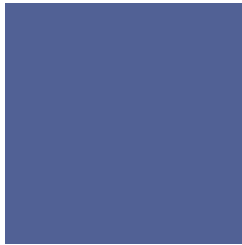
8A0020



0A0002

Previews

White Background



This preview shows how the Hex color 516195 looks on a white background.

Color Contrast Check

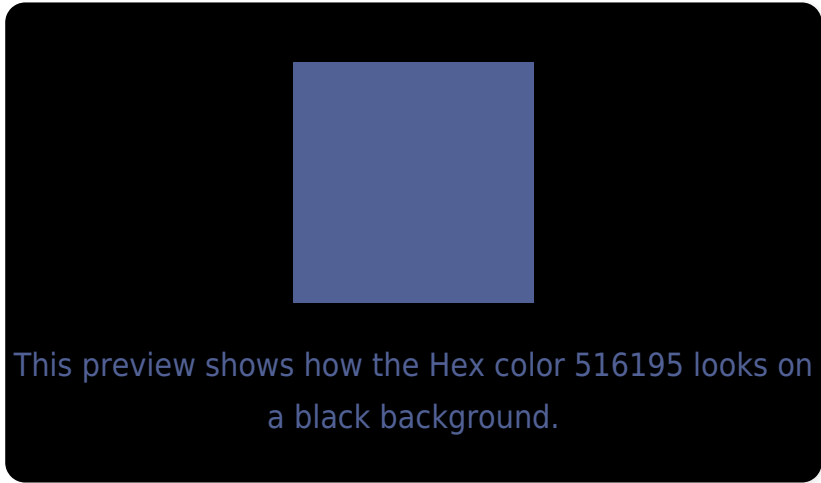
Large Text (above 18pt) WCAG AA ✓ Pass

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

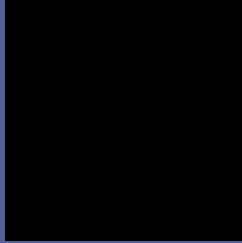
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

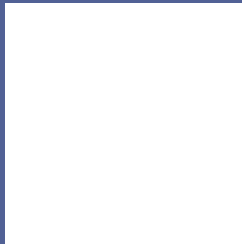
Any Text WCAG AAA × Fail

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

Hex 516195 Background



This preview shows how black text looks on a background with the Hex color 516195.



This preview shows how white text looks on a background with the Hex color 516195.

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


516195

Protanopia

516195

Deuteranopia

4C6295



Tritanopia
476871

Trichromacy



Original Color
516195

Protanomaly
516195

Deuteranomaly
4E6295

Tritanomaly
4B657E

Monochromacy



Original Color
516195

Achromatopsia
626262

Achromatomaly
5C6275

CSS Examples

Text

The CSS property to change the color of the text to Hex 516195 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 #516195 looks like.

```
.text, #text, p{  
    color:#516195  
}
```

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 #516195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516195  
}
```

Border

The CSS property to change the border of an element to Hex 516195 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".

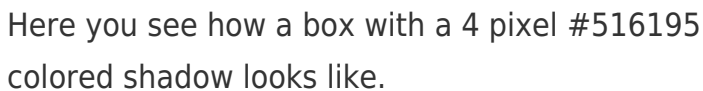
```
.border, #border, table{ border:4px solid  
#516195 }
```

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

```
.border{ border-color:#516195 }
```

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

Here you see how a box with a 4 pixel #516195 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 #516195; -webkit-box-shadow:4px 4px  
4px 4px #516195; box-shadow:4px 4px 4px  
4px #516195 }
```

Background

The CSS property to change the background color of an element to Hex 516195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516195 }
```

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

```
.background{ background-color:#516195 }
```

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