

Converting Colors

Hex(517194)

Have a look what the booklet for
Hex(517194) contains.

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Color

Hex(517194)

Conversions

Conversions Part 1

Format	Color
Hex	517194
RGB	81, 113, 148
RGB Percent	32%, 44%, 58%
CMY	0.6824, 0.5569, 0.4196
CMYK	0.45, 0.24, 0.00, 0.42
HSL	211°, 29%, 45%
HSV	211°, 45%, 58%
XYZ	14.6438, 15.6977, 30.2751
YIQ	107.4220, -30.3070, 4.1010

Conversions

Conversions Part 2

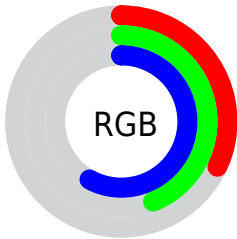
Format	Color
R_{YB}	81, 103, 148
Decimal	5337492
CIE _{Lab}	46.58, -1.68, -22.65
CIE _{LCh}	47, 22.712, 265.768
Yxy	15.6977, 0.2416, 0.2590
Android (android.graphics.Color)	4283527572 (0xFF517194)
YUV	107.4220, 20.0050, -23.1721
Hunter-Lab	39.6203, -3.3616, -17.5711

Details

The Hex color **517194** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **947451**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **85A5CA**, and **1D4161** is the 20% darker color. If you saturate the color by 10%, you get **426994**, and if you desaturate by 10%, it is **607994**.

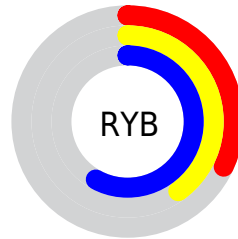
Distribution



Red (32%)

Green (44%)

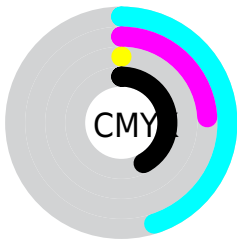
Blue (58%)



Red (32%)

Yellow (40%)

Blue (58%)

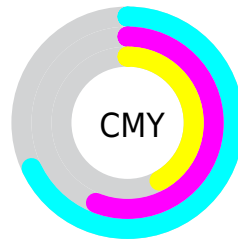


Cyan (45%)

Magenta (24%)

Yellow (0%)

Black (42%)



Cyan (68%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517194 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 517194 by changing the saturation by 10% instead.

■ 517194

■ 517194

FFFFFF

■ 37597A

■ 85A5CA

■ 1D4161

■ A0C0E6

■ 002B49

■ BCDCFF

■ 001732

■ D8F8FF

■ 00021D

■ F5FFFF

■ 000000

■ 517194

■ 517194

■ 426994

■ 607994

■ 336294

■ 6F8094

■ 255A94

■ 7D8894

■ 165294

■ 8C9094

■ 074A94

■ 9B9894

■ 004794

■ AA9F94

■ B9A794

■ C7AF94

■ D6B794

Harmonies

Analogous

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



37768D



517194



6D6A91

Triad

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



517194



94615F



547758

Complementary

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



517194



947451

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.



6B724C



517194



8D6650

Square

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



517194



916072



7E6C48



3F796B

Rectangle

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



517194



7D6689



7E6C48



5C7553

Sweetspot

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



517194



A4B1BF



519474



505861



E0E0E0



616161

Same Dimension

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



517194



5889BF



525194



43464A



00428A



00050A

Inverse Universe

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



945171



BF5889



939451



4A4346



8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 517194 looks on a white background.

Color Contrast Check

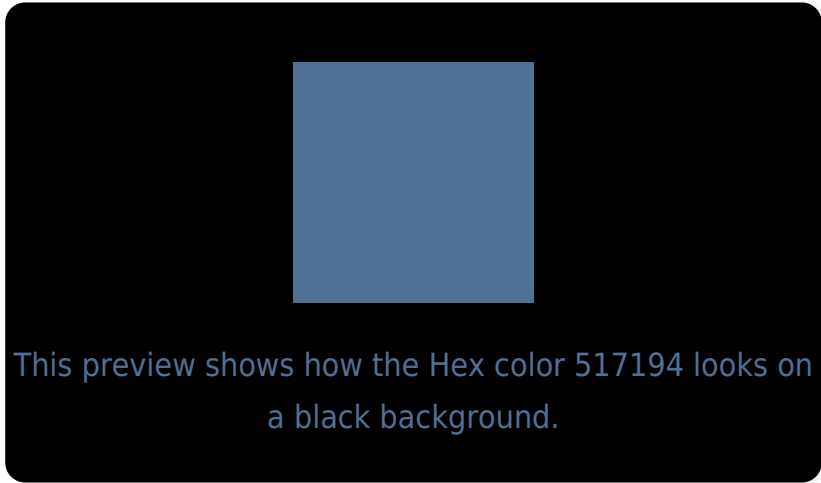
Large Text (above 18pt) WCAG AA ✓ Pass

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

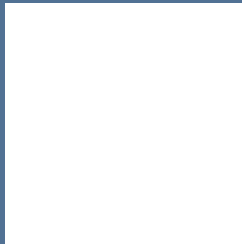
Any Text WCAG AAA × Fail

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

Hex 517194 Background



This preview shows how black text looks on a background with the Hex color 517194.

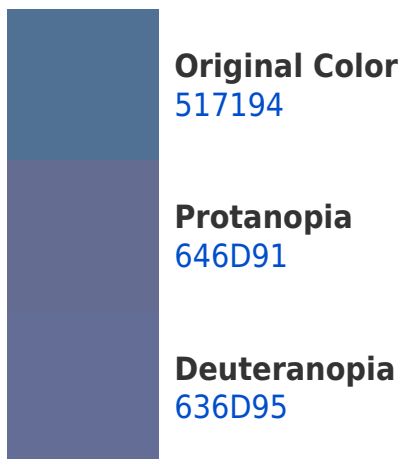


This preview shows how white text looks on a background with the Hex color 517194.

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





Tritanopia
4B757E

Trichromacy



Original Color
517194

Protanomaly
5D6E92

Deuteranomaly
5C6E95

Tritanomaly
4D7486

Monochromacy



Original Color
517194

Achromatopsia
6B6B6B

Achromatomaly
626D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 517194 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 #517194 looks like.

```
.text, #text, p{  
    color:#517194  
}
```

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 #517194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517194
}
```

Border

The CSS property to change the border of an element to Hex 517194 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
#517194 }
```

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

```
.border{ border-color:#517194 }
```

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

Here you see how a box with a 4 pixel #517194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517194; -webkit-box-shadow:4px 4px  
4px 4px #517194; box-shadow:4px 4px 4px  
4px #517194 }
```

Background

The CSS property to change the background color of an element to Hex 517194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517194 }
```

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

```
.background{ background-color:#517194 }
```

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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