

Converting Colors

Hex(505B91)

Have a look what the booklet for
Hex(505B91) contains.

Hex(505B91)	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(505B91)

Conversions

Conversions Part 1

Format	Color
Hex	505B91
RGB	80, 91, 145
RGB Percent	31%, 36%, 57%
CMY	0.6863, 0.6431, 0.4314
CMYK	0.45, 0.37, 0.00, 0.43
HSL	230°, 29%, 44%
HSV	230°, 45%, 57%
XYZ	12.1602, 11.2320, 28.3151
YIQ	93.8670, -23.8900, 14.4620

Conversions

Conversions Part 2

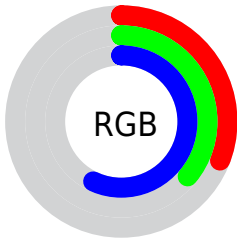
Format	Color
RYB	80, 89, 145
Decimal	5266321
CIELab	39.97, 10.70, -31.16
CIELCh	40, 32.947, 288.952
Yxy	11.2320, 0.2352, 0.2172
Android (android.graphics.Color)	4283456401 (0xFF505B91)
YUV	93.8670, 25.2086, -12.1614
Hunter-Lab	33.5141, 6.1167, -26.6325

Details

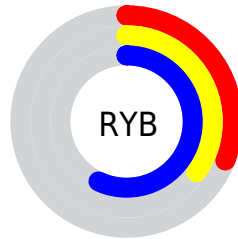
The Hex color **505B91** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **918650**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **848DC7**, and **1C2E5E** is the 20% darker color. If you saturate the color by 10%, you get **424F91**, and if you desaturate by 10%, it is **5E6791**.

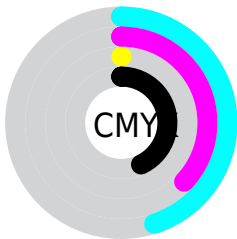
Distribution



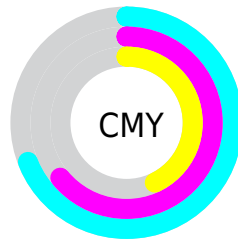
- Red (31%)
- Green (36%)
- Blue (57%)



- Red (31%)
- Yellow (35%)
- Blue (57%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505B91 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 505B91 by changing the saturation by 10% instead.

■ 505B91

■ 505B91

FFFFFF

■ 364477

■ 848DC7

■ 1C2E5E

■ 9FA7E3

■ 001946

■ BBC2FF

■ 000030

■ D7DEFF

■ 00011A

■ F4FBFF

■ 000000

■ 505B91

■ 505B91

■ 424F91

■ 5E6791

■ 334391

■ 6D7391

■ 243791

■ 7B7F91

■ 162B91

■ 8A8B91

■ 071F91

■ 999791

■ 001991

■ A7A391

■ B5AF91

■ C4BB91

■ D3C791

Harmonies

Analogous

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



066493



505B91



765082

Triad

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



505B91



894F37



076B53

Complementary

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



505B91



918650

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.



3E683A



505B91



775928

Square

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



505B91



91484E



5D6229



006C6F

Rectangle

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



505B91



864B72



5D6229



226A4A

Sweetspot

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



505B91



A4A8BD



509185



4F525E



DEDEDE



5E5E5E

Same Dimension

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



505B91



5768BD



655091



404147



001787



000108

Inverse Universe

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



91505B



BD5768



7C9150



474041



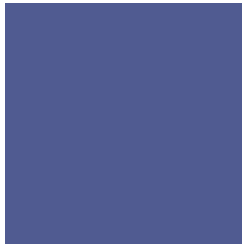
870017



080001

Previews

White Background



This preview shows how the Hex color 505B91 looks on a white background.

Color Contrast Check

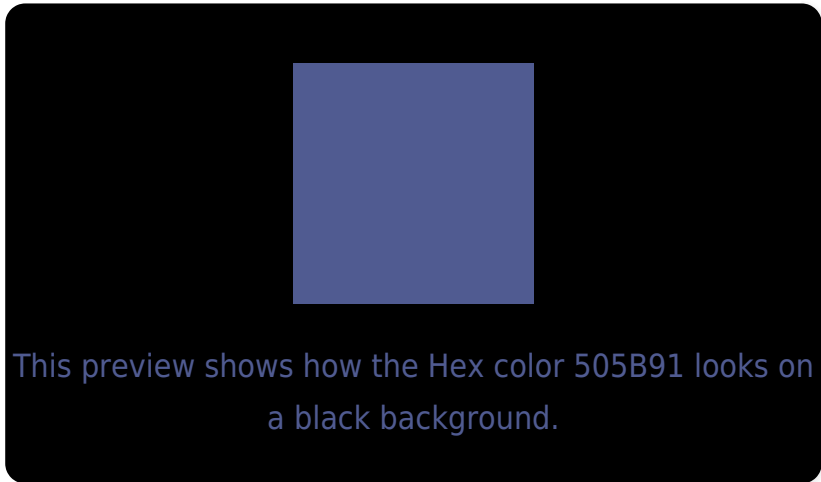
Large Text (above 18pt) WCAG AA ✓ Pass

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

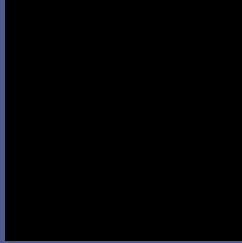
Any Text WCAG AA × Fail

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 505B91 Background



This preview shows how black text looks on a background with the Hex color 505B91.



This preview shows how white text looks on a background with the Hex color 505B91.

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
505B91

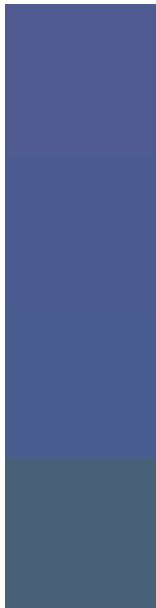
Protanopia
4A5C92

Deuteranopia
455E90



Tritanopia
45636B

Trichromacy



Original Color
505B91

Protanomaly
4C5C92

Deuteranomaly
495D90

Tritanomaly
496079

Monochromacy



Original Color
505B91

Achromatopsia
5E5E5E

Achromatomaly
595D71

CSS Examples

Text

The CSS property to change the color of the text to Hex 505B91 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 #505B91 looks like.

```
.text, #text, p{  
    color:#505B91  
}
```

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 #505B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505B91
}
```

Border

The CSS property to change the border of an element to Hex 505B91 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".

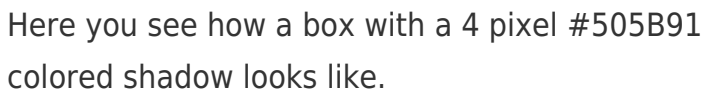
```
.border, #border, table{ border:4px solid
#505B91 }
```

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

```
.border{ border-color:#505B91 }
```

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

Here you see how a box with a 4 pixel #505B91 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 #505B91; -webkit-box-shadow:4px 4px  
4px 4px #505B91; box-shadow:4px 4px 4px  
4px #505B91 }
```

Background

The CSS property to change the background color of an element to Hex 505B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505B91 }
```

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

```
.background{ background-color:#505B91 }
```

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