

Converting Colors

Hex(505698)

Have a look what the booklet for
Hex(505698) contains.

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Color

Hex(505698)

Conversions

Conversions Part 1

Format	Color
Hex	505698
RGB	80, 86, 152
RGB Percent	31%, 34%, 60%
CMY	0.6863, 0.6627, 0.4039
CMYK	0.47, 0.43, 0.00, 0.40
HSL	235°, 31%, 45%
HSV	235°, 47%, 60%
XYZ	12.3036, 10.6280, 31.1087
YIQ	91.7300, -24.7620, 19.2540

Conversions

Conversions Part 2

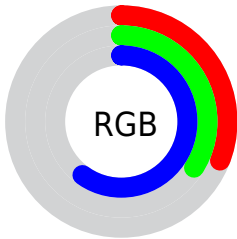
Format	Color
R_{YB}	80, 86, 152
Decimal	5265048
CIE _{Lab}	38.95, 16.09, -36.99
CIE _{LCh}	39, 40.338, 293.509
Yxy	10.6280, 0.2277, 0.1967
Android (android.graphics.Color)	4283455128 (0xFF505698)
YUV	91.7300, 29.7131, -10.2872
Hunter-Lab	32.6007, 10.3150, -33.7561

Details

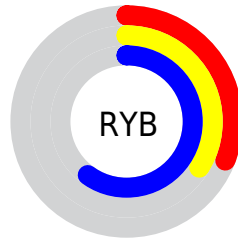
The Hex color **505698** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **989250**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8588CF**, and **192964** is the 20% darker color. If you saturate the color by 10%, you get **414898**, and if you desaturate by 10%, it is **5F6498**.

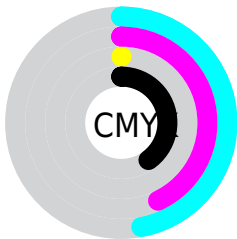
Distribution



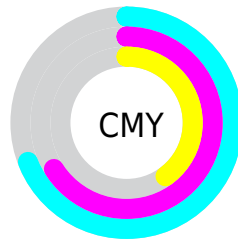
- Red (31%)
- Green (34%)
- Blue (60%)



- Red (31%)
- Yellow (34%)
- Blue (60%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505698 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 505698 by changing the saturation by 10% instead.

■ 505698

■ 505698

FFFFFF

■ 363F7E

■ 8588CF

■ 192964

■ A0A2EB

■ 00154C

■ BCBDFE

■ 000035

■ D9D8FF

■ 00021F

■ F6F5FF

■ 000002

■ 000000

■ 505698

■ 505698

■ 414898

■ 5F6498

■ 323A98

■ 6E7298

■ 222C98

■ 7E8098

■ 131E98

■ 8D8E98

■ 041098

■ 9C9C98

■ 000D98

■ ABAA98

■ BAB898

■ CAC598

■ D9D398

Harmonies

Analogous

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



00629D



505698



7D4883

Triad

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



505698



8B4B27



006B53

Complementary

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



505698



989250

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.



2A6833



505698



735816

Square

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



505698



974044



54621A



006B75

Rectangle

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



505698



8E406F



54621A



006A48

Sweetspot

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



505698



A9ABC4



509892



535463



E3E3E3



636363

Same Dimension

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



505698



545EC4



6E5098



45454D



000C8C



00010D

Inverse Universe

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



985056



C4545E



7A9850



4D4545



8C000C



0D0001

Previews

White Background



This preview shows how the Hex color 505698 looks on a white background.

Color Contrast Check

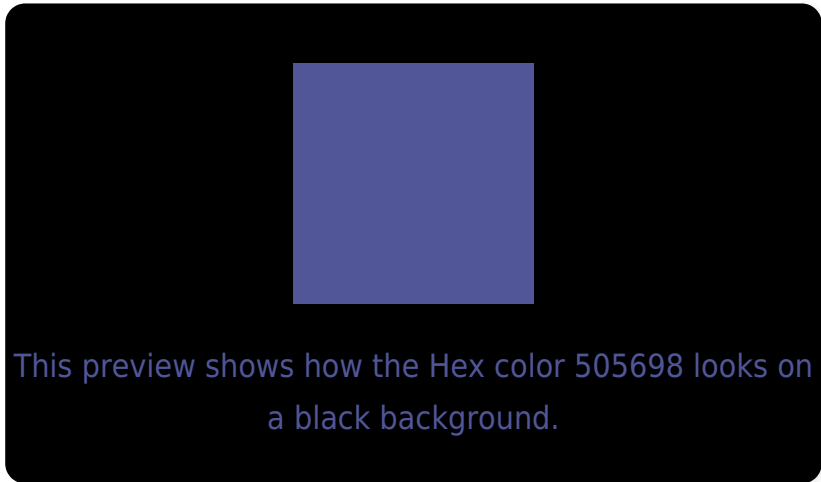
Large Text (above 18pt) WCAG AA ✓ Pass

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

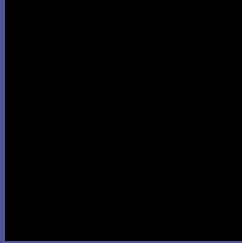
Any Text WCAG AA × Fail

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 505698 Background



This preview shows how black text looks on a background with the Hex color 505698.



This preview shows how white text looks on a background with the Hex color 505698.

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
426168

Trichromacy



Original Color
505698

Protanomaly
46589A

Deuteranomaly
3F5A97

Tritanomaly
475D79

Monochromacy



Original Color
505698

Achromatopsia
5C5C5C

Achromatomaly
585A72

CSS Examples

Text

The CSS property to change the color of the text to Hex 505698 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 #505698 looks like.

```
.text, #text, p{  
    color:#505698  
}
```

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 #505698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505698
}
```

Border

The CSS property to change the border of an element to Hex 505698 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
#505698 }
```

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

```
.border{ border-color:#505698 }
```

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

Here you see how a box with a 4 pixel #505698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505698; -webkit-box-shadow:4px 4px  
4px 4px #505698; box-shadow:4px 4px 4px  
4px #505698 }
```

Background

The CSS property to change the background color of an element to Hex 505698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505698 }
```

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

```
.background{ background-color:#505698 }
```

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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