

Converting Colors

Hex(505C85)

Have a look what the booklet for
Hex(505C85) contains.

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Color

Hex(505C85)

Conversions

Conversions Part 1

Format	Color
Hex	505C85
RGB	80, 92, 133
RGB Percent	31%, 36%, 52%
CMY	0.6863, 0.6392, 0.4784
CMYK	0.40, 0.31, 0.00, 0.48
HSL	226°, 25%, 42%
HSV	226°, 40%, 52%
XYZ	11.3690, 11.0532, 23.7246
YIQ	93.0860, -20.3130, 10.2070

Conversions

Conversions Part 2

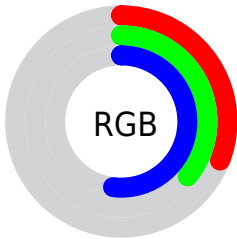
Format	Color
RYB	80, 90, 133
Decimal	5266565
CIELab	39.67, 6.40, -24.37
CIElCh	40, 25.193, 284.718
Yxy	11.0532, 0.2464, 0.2395
Android (android.graphics.Color)	4283456645 (0xFF505C85)
YUV	93.0860, 19.6776, -11.4764
Hunter-Lab	33.2464, 2.8593, -19.0368

Details

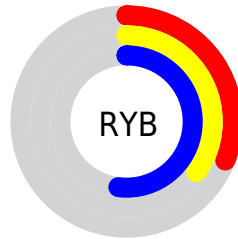
The Hex color **505C85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **857950**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **838EBA**, and **1F2E53** is the 20% darker color. If you saturate the color by 10%, you get **435285**, and if you desaturate by 10%, it is **5D6685**.

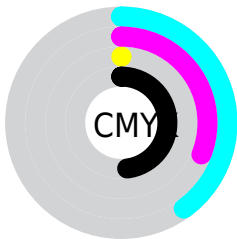
Distribution



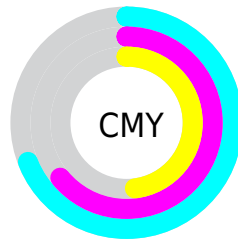
- Red (31%)
- Green (36%)
- Blue (52%)



- Red (31%)
- Yellow (35%)
- Blue (52%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505C85 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 505C85 by changing the saturation by 10% instead.

■ 505C85

■ 505C85

FFFFFF

■ 37456C

■ 838EBA

■ 1F2E53

■ 9EA8D6

■ 031A3C

■ B9C4F3

■ 000026

■ D5E0FF

■ 00010F

■ F2FCFF

■ 000000

■ 505C85

■ 505C85

■ 435285

■ 5D6685

■ 354785

■ 6B7185

■ 283D85

■ 787B85

■ 1B3385

■ 858585

■ 0D2985

■ 938F85

■ 001E85

■ A09A85

■ ADA485

■ BAAE85

■ C8B985

Harmonies

Analogous

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



2C6385



505C85



6D547B

Triad

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



505C85



815241



2F6852

Complementary

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



505C85



857950

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.



4A6540



505C85



745936

Square

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



505C85



854E54



615F35



0D6867

Rectangle

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



505C85



7A506F



615F35



39674B

Sweetspot

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



505C85



999DAD



508579



4B4D57



D6D6D6



575757

Same Dimension

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



505C85



5A6DAD



5E5085



3C3D42



001D82



000103

Inverse Universe

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



85505C



AD5A6D



778550



423C3D



82001D



030001

Previews

White Background



This preview shows how the Hex color 505C85 looks on a white background.

Color Contrast Check

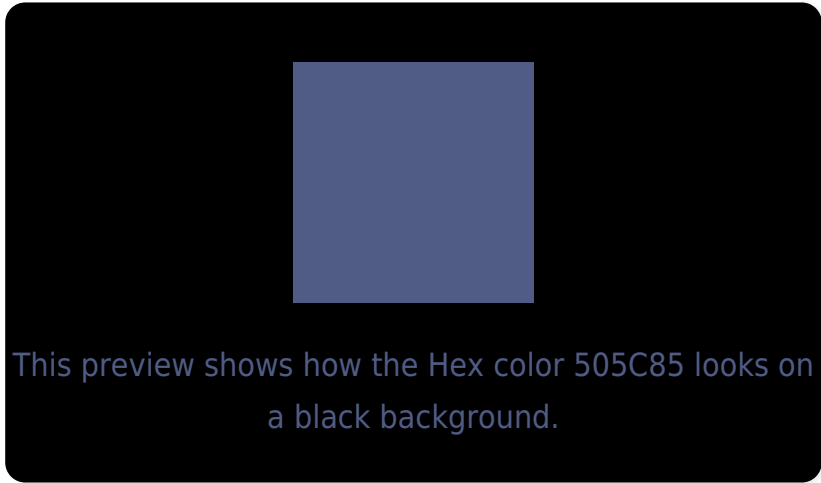
Large Text (above 18pt) WCAG AA ✓ Pass

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

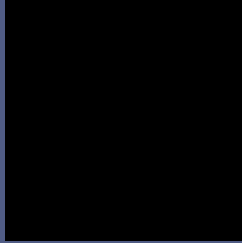
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

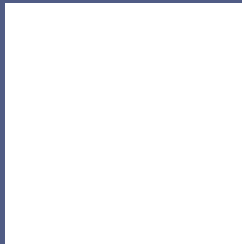
Any Text WCAG AAA × Fail

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

Hex 505C85 Background



This preview shows how black text looks on a background with the Hex color 505C85.

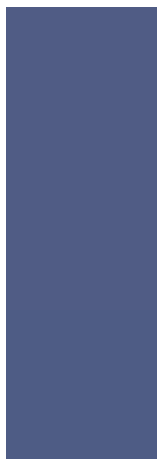


This preview shows how white text looks on a background with the Hex color 505C85.

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
505C85

Protanopia
505C85

Deuteranopia
4E5C85



Tritanopia
496169

Trichromacy



Original Color
505C85

Protanomaly
505C85

Deuteranomaly
4F5C85

Tritanomaly
4C5F73

Monochromacy



Original Color
505C85

Achromatopsia
5D5D5D

Achromatomaly
585D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 505C85 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 #505C85 looks like.

```
.text, #text, p{  
    color:#505C85  
}
```

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 #505C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505C85
}
```

Border

The CSS property to change the border of an element to Hex 505C85 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
#505C85 }
```

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

```
.border{ border-color:#505C85 }
```

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

Here you see how a box with a 4 pixel #505C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505C85; -webkit-box-shadow:4px 4px  
4px 4px #505C85; box-shadow:4px 4px 4px  
4px #505C85 }
```

Background

The CSS property to change the background color of an element to Hex 505C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505C85 }
```

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

```
.background{ background-color:#505C85 }
```

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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