

Converting Colors

Hex(505887)

Have a look what the booklet for
Hex(505887) contains.

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Color

Hex(505887)

Conversions

Conversions Part 1

Format	Color
Hex	505887
RGB	80, 88, 135
RGB Percent	31%, 35%, 53%
CMY	0.6863, 0.6549, 0.4706
CMYK	0.41, 0.35, 0.00, 0.47
HSL	231°, 26%, 42%
HSV	231°, 41%, 53%
XYZ	11.1712, 10.4342, 24.3469
YIQ	90.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

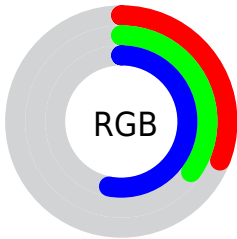
Format	Color
R_{YB}	80, 87, 135
Decimal	5265543
CIE _{Lab}	38.61, 9.53, -27.24
CIE _{LCh}	39, 28.855, 289.283
Yxy	10.4342, 0.2431, 0.2271
Android (android.graphics.Color)	4283455623 (0xFF505887)
YUV	90.9660, 21.7088, -9.6172
Hunter-Lab	32.3020, 5.2031, -22.0771

Details

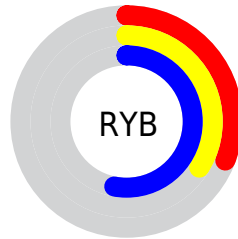
The Hex color **505887** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **877F50**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **838ABD**, and **1E2B55** is the 20% darker color. If you saturate the color by 10%, you get **424C87**, and if you desaturate by 10%, it is **5E6487**.

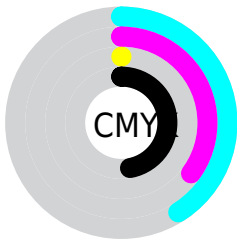
Distribution



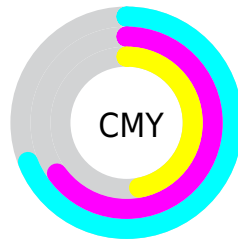
- Red (31%)
- Green (35%)
- Blue (53%)



- Red (31%)
- Yellow (34%)
- Blue (53%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505887 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 505887 by changing the saturation by 10% instead.

■ 505887

■ 505887

FFFFFF

■ 37416D

■ 838ABD

■ 1E2B55

■ 9EA4D8

■ 01173D

■ BABFF5

■ 000028

■ D6DBFF

■ 000111

■ F2F7FF

■ 000000

■ 505887

■ 505887

■ 424C87

■ 5E6487

■ 354187

■ 6B6F87

■ 273587

■ 787B87

■ 1A2A87

■ 868687

■ 0C1E87

■ 939287

■ 001487

■ A19D87

■ AFA987

■ BCB487

■ CAC087

Harmonies

Analogous

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



206089



505887



704F7A

Triad

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



505887



814E38



1B6751

Complementary

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



505887



877F50

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.



3F643B



505887



71572C

Square

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



505887



88484D



5A5E2D



00676A

Rectangle

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



505887



7E4A6C



5A5E2D



29664A

Sweetspot

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



505887



9B9EB0



50877F



4D4F59



D9D9D9



595959

Same Dimension

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



505887



5A66B0



635087



3C3D42



001382



000003

Inverse Universe

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



875058



B05A66



748750



423C3D



820013



030000

Previews

White Background



This preview shows how the Hex color 505887 looks on a white background.

Color Contrast Check

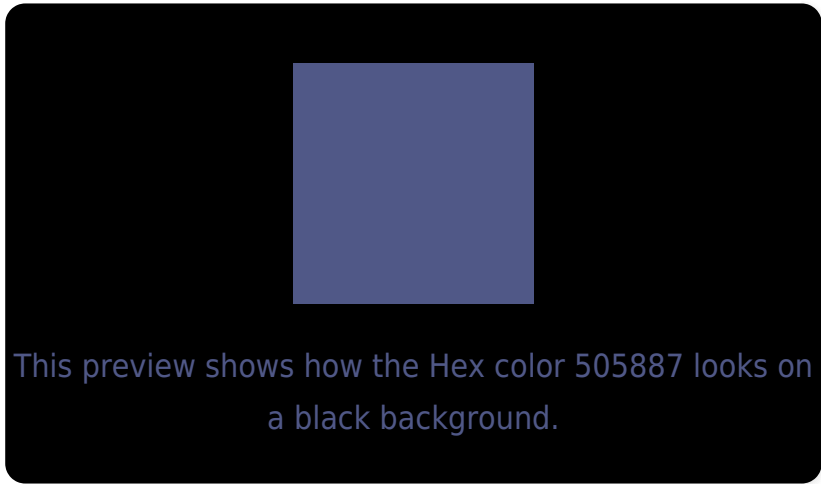
Large Text (above 18pt) WCAG AA ✓ Pass

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

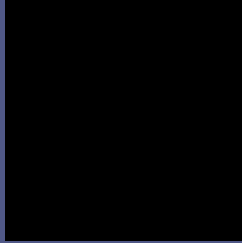
Any Text WCAG AA × Fail

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 505887 Background



This preview shows how black text looks on a background with the Hex color 505887.

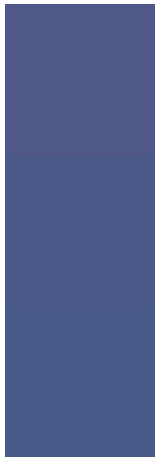


This preview shows how white text looks on a background with the Hex color 505887.

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
505887

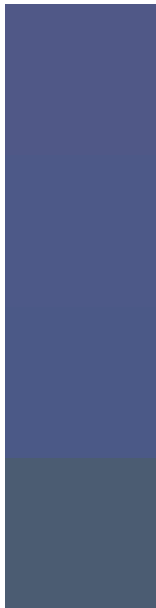
Protanopia
4B5988

Deuteranopia
485A87



Tritanopia
485F66

Trichromacy



Original Color
505887

Protanomaly
4D5988

Deuteranomaly
4B5987

Tritanomaly
4B5C72

Monochromacy



Original Color
505887

Achromatopsia
5B5B5B

Achromatomaly
575A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 505887 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 #505887 looks like.

```
.text, #text, p{  
    color:#505887  
}
```

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 #505887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505887  
}
```

Border

The CSS property to change the border of an element to Hex 505887 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  
#505887 }
```

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

```
.border{ border-color:#505887 }
```

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

Here you see how a box with a 4 pixel #505887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505887; -webkit-box-shadow:4px 4px  
4px 4px #505887; box-shadow:4px 4px 4px  
4px #505887 }
```

Background

The CSS property to change the background color of an element to Hex 505887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505887 }
```

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

```
.background{ background-color:#505887 }
```

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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