

Converting Colors

Hex(505089)

Have a look what the booklet for
Hex(505089) contains.

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Color

Hex(505089)

Conversions

Conversions Part 1

Format	Color
Hex	505089
RGB	80, 80, 137
RGB Percent	31%, 31%, 54%
CMY	0.6863, 0.6863, 0.4627
CMYK	0.42, 0.42, 0.00, 0.46
HSL	240°, 26%, 43%
HSV	240°, 42%, 54%
XYZ	10.6923, 9.2489, 24.8886
YIQ	86.4980, -18.2970, 17.7270

Conversions

Conversions Part 2

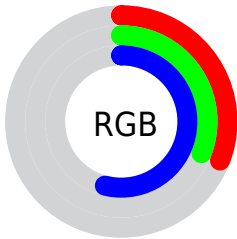
Format	Color
R_{YB}	80, 80, 137
Decimal	5263497
CIE _{Lab}	36.46, 15.25, -31.84
CIE _{LCh}	36, 35.303, 295.595
Yxy	9.2489, 0.2385, 0.2063
Android (android.graphics.Color)	4283453577 (0xFF505089)
YUV	86.4980, 24.8975, -5.6987
Hunter-Lab	30.4121, 9.5360, -27.2332

Details

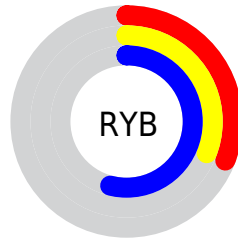
The Hex color **505089** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **898950**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8481BF**, and **1D2457** is the 20% darker color. If you saturate the color by 10%, you get **424289**, and if you desaturate by 10%, it is **5E5E89**.

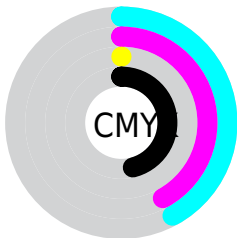
Distribution



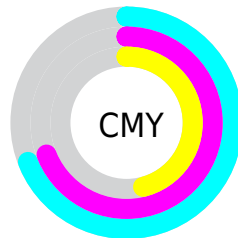
- Red (31%)
- Green (31%)
- Blue (54%)



- Red (31%)
- Yellow (31%)
- Blue (54%)



- Cyan (42%)
- Magenta (42%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (69%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505089 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 505089 by changing the saturation by 10% instead.

■ 505089

■ 505089

FFFFFF

■ 37396F

■ 8481BF

■ 1D2457

■ 9F9BDB

■ 00103F

■ BAB6F7

■ 000329

■ D6D2FF

■ 000112

■ F3EEFF

■ 000000

■ 505089

■ 505089

■ 424289

■ 5E5E89

■ 353589

■ 6B6B89

■ 272789

■ 797989

■ 191989

■ 878789

■ 0C0C89

■ 949489

■ 000089

■ A2A289

■ B0B089

■ BEBE89

■ CBCB89

Harmonies

Analogous

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



005A8E



505089



754476

Triad

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



505089



7E4827



006350

Complementary

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



505089



898950

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.



296134



505089



69531A

Square

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



505089



893F3F



4E5B1F



00646D

Rectangle

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



505089



833F65



4E5B1F



006347

Sweetspot

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



505089



9D9DB3



508989



4D4D59



D9D9D9



595959

Same Dimension

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



505089



5959B3



6D5089



3E3E45



000085



000005

Inverse Universe

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



895089



B359B3



6D8950



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 505089 looks on a white background.

Color Contrast Check

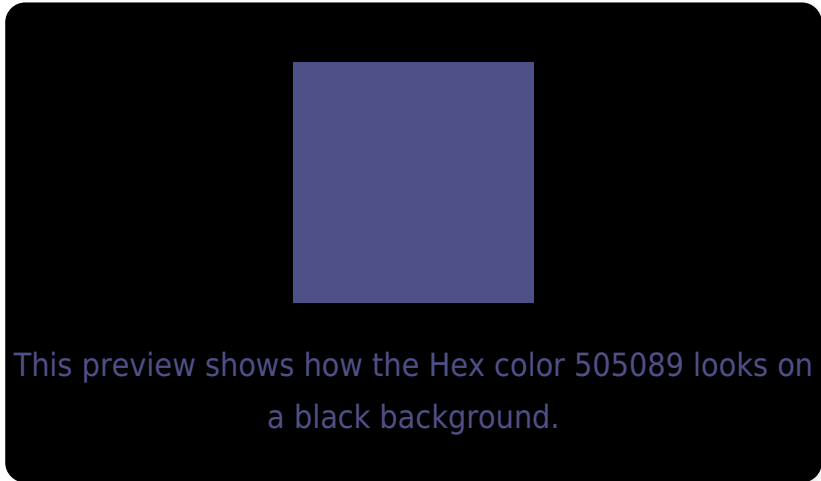
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

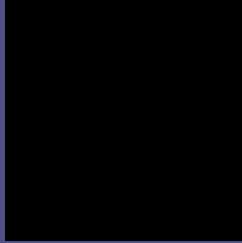
Any Text WCAG AA × Fail

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 505089 Background



This preview shows how black text looks on a background with the Hex color 505089.



This preview shows how white text looks on a background with the Hex color 505089.

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](#).

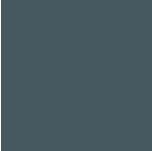
Dichromacy



Original Color
505089

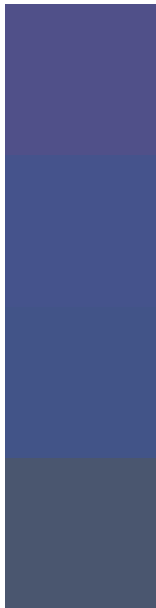
Protanopia
3F548D

Deuteranopia
3A5688



Tritanopia
465960

Trichromacy



Original Color
505089

Protanomaly
45538C

Deuteranomaly
425488

Tritanomaly
4A566F

Monochromacy



Original Color
505089

Achromatopsia
565656

Achromatomaly
545469

CSS Examples

Text

The CSS property to change the color of the text to Hex 505089 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 #505089 looks like.

```
.text, #text, p{  
    color:#505089  
}
```

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 #505089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505089
}
```

Border

The CSS property to change the border of an element to Hex 505089 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
#505089 }
```

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

```
.border{ border-color:#505089 }
```

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

Here you see how a box with a 4 pixel #505089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505089; -webkit-box-shadow:4px 4px  
4px 4px #505089; box-shadow:4px 4px 4px  
4px #505089 }
```

Background

The CSS property to change the background color of an element to Hex 505089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505089 }
```

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

```
.background{ background-color:#505089 }
```

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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