

Converting Colors

Hex(5C4E86)

Have a look what the booklet for
Hex(5C4E86) contains.

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Color

Hex(5C4E86)

Conversions

Conversions Part 1

Format	Color
Hex	5C4E86
RGB	92, 78, 134
RGB Percent	36%, 31%, 53%
CMY	0.6392, 0.6941, 0.4745
CMYK	0.31, 0.42, 0.00, 0.47
HSL	255°, 26%, 42%
HSV	255°, 42%, 53%
XYZ	11.4411, 9.4453, 23.7744
YIQ	88.5700, -9.6320, 20.3840

Conversions

Conversions Part 2

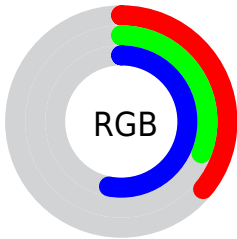
Format	Color
R_{YB}	92, 78, 134
Decimal	6049414
CIE _{Lab}	36.83, 19.17, -29.35
CIE _{LCh}	37, 35.056, 303.150
Yxy	9.4453, 0.2562, 0.2115
Android (android.graphics.Color)	4284239494 (0xFF5C4E86)
YUV	88.5700, 22.3970, 3.0081
Hunter-Lab	30.7332, 12.6672, -24.3518

Details

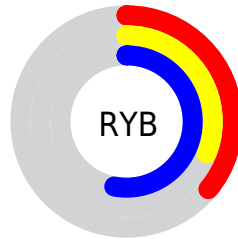
The Hex color **5C4E86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **78864E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **907FBC**, and **2B2154** is the 20% darker color. If you saturate the color by 10%, you get **524186**, and if you desaturate by 10%, it is **665B86**.

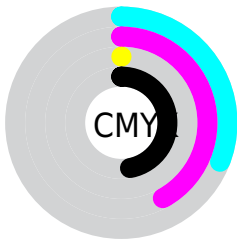
Distribution



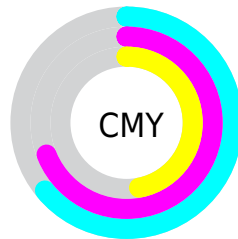
- Red (36%)
- Green (31%)
- Blue (53%)



- Red (36%)
- Yellow (31%)
- Blue (53%)



- Cyan (31%)
- Magenta (42%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (69%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4E86 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 5C4E86 by changing the saturation by 10% instead.

■ 5C4E86

■ 5C4E86

FFFFFF

■ 43376C

■ 907FBC

■ 2B2154

■ AB99D7

■ 130D3C

■ C6B4F4

■ 000026

■ E3D0FF

■ 00010F

■ FFECFF

■ 000000

■ 5C4E86

■ 5C4E86

■ 524186

■ 665B86

■ 483386

■ 706986

■ 3E2686

■ 7A7686

■ 341886

■ 848486

■ 2A0B86

■ 8E9186

■ 220086

■ 989E86

■ A2AC86

■ ACB986

■ B6C786

Harmonies

Analogous

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



23598F



5C4E86



7C4371

Triad

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



5C4E86



7A4C24



006559

Complementary

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



5C4E86



78864E

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.



1E633C



5C4E86



64561B

Square

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



5C4E86



884239



475E25



006475

Rectangle

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



5C4E86



873E5E



475E25



00644F

Sweetspot

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



5C4E86



9C97AD



4E7886



4C4957



D6D6D6



575757

Same Dimension

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



5C4E86



6C57AD



784E86



3D3C42



210082



010003

Inverse Universe

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



864E78



AD5798



5C864E



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 5C4E86 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

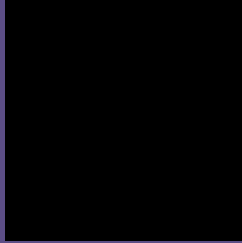
Any Text WCAG AA × Fail

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 5C4E86 Background



This preview shows how black text looks on a background with the Hex color 5C4E86.

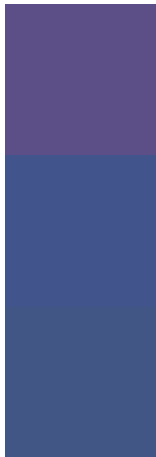


This preview shows how white text looks on a background with the Hex color 5C4E86.

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
5C4E86

Protanopia
41558C

Deuteranopia
415684



Tritanopia
54575E

Trichromacy



Original Color
5C4E86

Protanomaly
4B528A

Deuteranomaly
4B5385

Tritanomaly
57546D

Monochromacy



Original Color
5C4E86

Achromatopsia
595959

Achromatomaly
5A5569

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4E86 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 #5C4E86 looks like.

```
.text, #text, p{  
    color:#5C4E86  
}
```

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 #5C4E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4E86
}
```

Border

The CSS property to change the border of an element to Hex 5C4E86 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
#5C4E86 }
```

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

```
.border{ border-color:#5C4E86 }
```

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

Here you see how a box with a 4 pixel #5C4E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4E86; -webkit-box-shadow:4px 4px  
4px 4px #5C4E86; box-shadow:4px 4px 4px  
4px #5C4E86 }
```

Background

The CSS property to change the background color of an element to Hex 5C4E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4E86 }
```

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

```
.background{ background-color:#5C4E86 }
```

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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