

Converting Colors

Hex(523E79)

Have a look what the booklet for
Hex(523E79) contains.

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Color

Hex(523E79)

Conversions

Conversions Part 1

Format	Color
Hex	523E79
RGB	82, 62, 121
RGB Percent	32%, 24%, 47%
CMY	0.6784, 0.7569, 0.5255
CMYK	0.32, 0.49, 0.00, 0.53
HSL	260°, 32%, 36%
HSV	260°, 49%, 47%
XYZ	8.6535, 6.6196, 18.9108
YIQ	74.7060, -7.0190, 22.5890

Conversions

Conversions Part 2

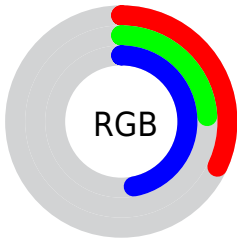
Format	Color
R_{YB}	82, 62, 121
Decimal	5389945
CIE _{Lab}	30.92, 22.67, -30.68
CIE _{LCh}	31, 38.150, 306.462
Yxy	6.6196, 0.2531, 0.1936
Android (android.graphics.Color)	4283580025 (0xFF523E79)
YUV	74.7060, 22.8229, 6.3968
Hunter-Lab	25.7285, 15.0115, -25.5689

Details

The Hex color **523E79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65793E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **856EAE**, and **211348** is the 20% darker color. If you saturate the color by 10%, you get **4A3279**, and if you desaturate by 10%, it is **5A4A79**.

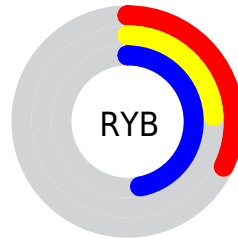
Distribution



Red (32%)

Green (24%)

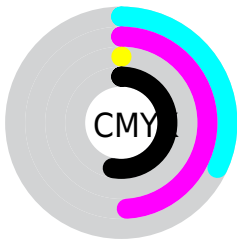
Blue (47%)



Red (32%)

Yellow (24%)

Blue (47%)

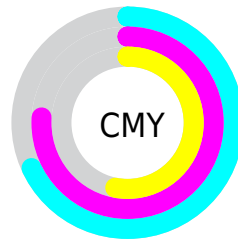


Cyan (32%)

Magenta (49%)

Yellow (0%)

Black (53%)



Cyan (68%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523E79 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 523E79 by changing the saturation by 10% instead.

■ 523E79

■ 523E79

FFFFFF

■ 392860

■ 856EAE

■ 211348

■ A087C9

■ 0F0031

■ BBA2E6

■ 00011B

■ D8BDFF

■ 000000

■ F4D9FF

■ FFF5FF

■ 523E79

■ 523E79

■ 4A3279

■ 5A4A79

■ 422679

■ 625679

■ 3A1A79

■ 6A6279

■ 320E79

■ 726E79

■ 2A0279

■ 7A7A79

■ 290079

■ 828779

■ 8A9379

■ 929F79

■ 9AAB79

Harmonies

Analogous

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



054A84



523E79



723161

Triad

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



523E79



6A3E0F



00574F

Complementary

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



523E79



65793E

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.



005530



523E79



524904

Square

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



523E79



7A3227



325114



00566C

Rectangle

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



523E79



7C2C4E



325114



005744

Sweetspot

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



523E79



8E869E



3E6579



46414F



CFCFCF



4F4F4F

Same Dimension

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



523E79



60419E



6F3E79



39373D



2A007D



5600FC

Inverse Universe

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



793E65



9E417E



48793E



3D373B



7D0053



FC00A7

Previews

White Background



This preview shows how the Hex color 523E79 looks on a white background.

Color Contrast Check

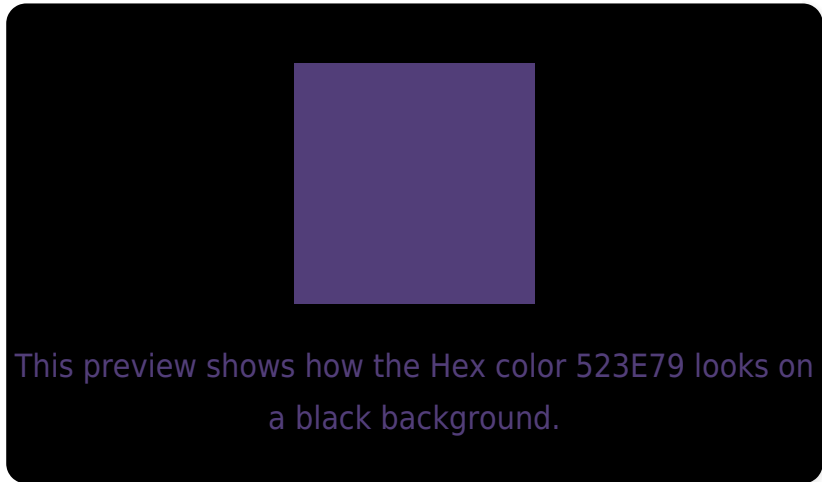
Large Text (above 18pt) WCAG AA ✓ Pass

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

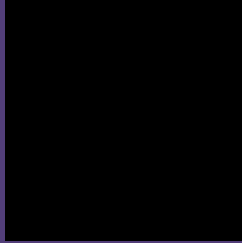
Any Text WCAG AA × Fail

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 523E79 Background



This preview shows how black text looks on a background with the Hex color 523E79.



This preview shows how white text looks on a background with the Hex color 523E79.

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
523E79

Protanopia
2E4782

Deuteranopia
2D4977



Tritanopia
49484E

Trichromacy



Original Color
523E79

Protanomaly
3B447F

Deuteranomaly
3A4578

Tritanomaly
4C445E

Monochromacy



Original Color
523E79

Achromatopsia
4B4B4B

Achromatomaly
4E465C

CSS Examples

Text

The CSS property to change the color of the text to Hex 523E79 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 #523E79 looks like.

```
.text, #text, p{  
    color:#523E79  
}
```

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 #523E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523E79
}
```

Border

The CSS property to change the border of an element to Hex 523E79 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".

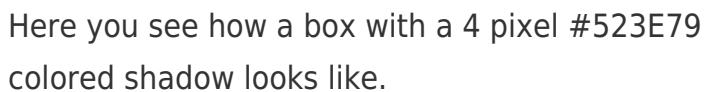
```
.border, #border, table{ border:4px solid
#523E79 }
```

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

```
.border{ border-color:#523E79 }
```

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

Here you see how a box with a 4 pixel #523E79 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523E79; -webkit-box-shadow:4px 4px  
4px 4px #523E79; box-shadow:4px 4px 4px  
4px #523E79 }
```

Background

The CSS property to change the background color of an element to Hex 523E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523E79 }
```

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

```
.background{ background-color:#523E79 }
```

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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