

Converting Colors

Hex(534A72)

Have a look what the booklet for
Hex(534A72) contains.

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Color

Hex(534A72)

Conversions

Conversions Part 1

Format	Color
Hex	534A72
RGB	83, 74, 114
RGB Percent	33%, 29%, 45%
CMY	0.6745, 0.7098, 0.5529
CMYK	0.27, 0.35, 0.00, 0.55
HSL	253°, 21%, 37%
HSV	253°, 35%, 45%
XYZ	9.0533, 7.9515, 16.9772
YIQ	81.2510, -7.4760, 14.3480

Conversions

Conversions Part 2

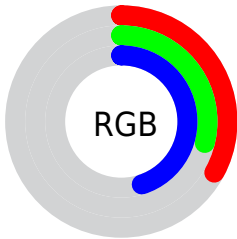
Format	Color
R_{YB}	83, 74, 114
Decimal	5458546
CIE _{Lab}	33.88, 13.34, -21.64
CIE _{LCh}	34, 25.424, 301.646
Yxy	7.9515, 0.2664, 0.2340
Android (android.graphics.Color)	4283648626 (0xFF534A72)
YUV	81.2510, 16.1453, 1.5339
Hunter-Lab	28.1983, 7.9619, -15.9576

Details

The Hex color **534A72** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **69724A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **857BA6**, and **241E42** is the 20% darker color. If you saturate the color by 10%, you get **4A3F72**, and if you desaturate by 10%, it is **5C5572**.

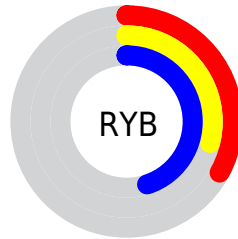
Distribution



 Red (33%)

 Green (29%)

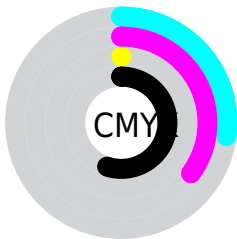
 Blue (45%)



 Red (33%)

 Yellow (29%)

 Blue (45%)

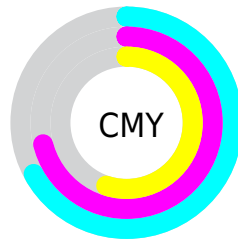


 Cyan (27%)

 Magenta (35%)

 Yellow (0%)

 Black (55%)



 Cyan (67%)

 Magenta (71%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 534A72 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 534A72 by changing the saturation by 10% instead.

■ 534A72

■ 534A72

FFFFFF

■ 3B3359

■ 857BA6

■ 241E42

■ A095C1

■ 10062C

■ BBAFDD

■ 000116

■ D7CBFA

■ 000000

■ F4E7FF

■ 534A72

■ 534A72

■ 4A3F72

■ 5C5572

■ 413372

■ 656172

■ 382872

■ 6E6C72

■ 301C72

■ 767872

■ 271172

■ 7F8372

■ 1E0672

■ 888E72

■ 1A0072

■ 919A72

■ 9AA572

■ A3B172

Harmonies

Analogous

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



325178



534A72



6A4363

Triad

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



534A72



6C482D



055A50

Complementary

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



534A72



69724A

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.



2D593C



534A72



5B4F27

Square

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



534A72



75423C



46552C



005A64

Rectangle

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



534A72



734056



46552C



175A49

Sweetspot

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



534A72



878494



4A6972



42404A



C9C9C9



4A4A4A

Same Dimension

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



534A72



645694



674A72



343238



1B0078



3800F7

Inverse Universe

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



724A69



945686



55724A



383237



78005D



F700C0

Previews

White Background



This preview shows how the Hex color 534A72 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

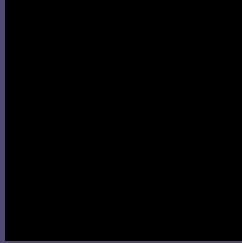
Any Text WCAG AA × Fail

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 534A72 Background



This preview shows how black text looks on a background with the Hex color 534A72.



This preview shows how white text looks on a background with the Hex color 534A72.

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
534A72

Protanopia
434E76

Deuteranopia
444F71



Tritanopia
4E5056

Trichromacy



Original Color
534A72

Protanomaly
494D75

Deuteranomaly
494D71

Tritanomaly
504E60

Monochromacy



Original Color
534A72

Achromatopsia
515151

Achromatomaly
524E5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 534A72 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 #534A72 looks like.

```
.text, #text, p{  
    color:#534A72  
}
```

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 #534A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534A72
}
```

Border

The CSS property to change the border of an element to Hex 534A72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

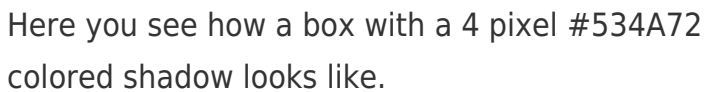
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534A72 }
```

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

```
.border{ border-color:#534A72 }
```

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



Here you see how a box with a 4 pixel #534A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534A72; -webkit-box-shadow:4px 4px  
4px 4px #534A72; box-shadow:4px 4px 4px  
4px #534A72 }
```

Background

The CSS property to change the background color of an element to Hex 534A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534A72 }
```

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

```
.background{ background-color:#534A72 }
```

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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