

Converting Colors

Hex(534A6B)

Have a look what the booklet for
Hex(534A6B) contains.

| | |
|--|----|
| Hex(534A6B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(534A6B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 534A6B |
| RGB | 83, 74, 107 |
| RGB Percent | 33%, 29%, 42% |
| CMY | 0.6745, 0.7098, 0.5804 |
| CMYK | 0.22, 0.31, 0.00, 0.58 |
| HSL | 256°, 18%, 35% |
| HSV | 256°, 31%, 42% |
| XYZ | 8.6699, 7.7981, 14.9581 |
| YIQ | 80.4530, -5.2290, 12.1710 |

Conversions

Conversions Part 2

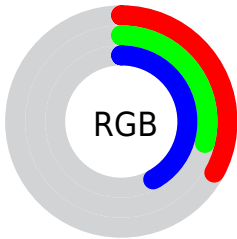
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 83, 74, 107 |
| Decimal | 5458539 |
| CIE _{Lab} | 33.56, 11.46, -17.75 |
| CIE _{LCh} | 34, 21.129, 302.846 |
| Yxy | 7.7981, 0.2759, 0.2481 |
| Android (android.graphics.Color) | 4283648619 (0xFF534A6B) |
| YUV | 80.4530, 13.0877, 2.2337 |
| Hunter-Lab | 27.9251, 6.5500, -12.2113 |




Details

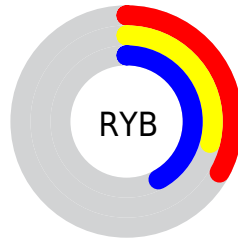
The Hex color **534A6B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **626B4A**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **857B9E**, and **251E3B** is the 20% darker color. If you saturate the color by 10%, you get **4B3F6B**, and if you desaturate by 10%, it is **5B556B**.

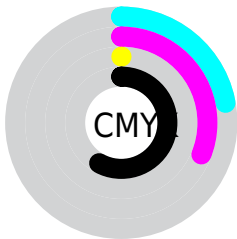
Distribution







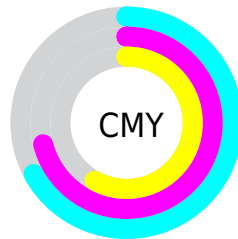
-  Red (33%)
-  Green (29%)
-  Blue (42%)






-  Red (33%)
-  Yellow (29%)
-  Blue (42%)



-  Cyan (22%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (67%)
-  Magenta (71%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 534A6B 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 534A6B by changing the saturation by 10% instead.

■ 534A6B

■ 534A6B

FFFFFF

■ 3B3353

■ 857B9E

■ 251E3B

■ 9F94B9

■ 120626

■ BAAFD5

■ 00010F

■ D6CBF2

■ 000000

■ F3E7FF

■ 534A6B

■ 534A6B

■ 4B3F6B

■ 5B556B

■ 43356B

■ 635F6B

■ 3C2A6B

■ 6A6A6B

■ 341F6B

■ 72756B

■ 2C146B

■ 7A806B

■ 240A6B

■ 828A6B

■ 1D006B

■ 89956B

■ 91A06B

■ 99AA6B

Harmonies

Analogous

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



3A5070



534A6B



65445E

Triad

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



534A6B



664932



1D5850

Complementary

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



534A6B



626B4A

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.



33573F



534A6B



584E2D

Square

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



534A6B



6F443E



475332



0C5760

Rectangle

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



534A6B



6D4254



475332



24584A

Sweetspot

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



534A6B



83808C



4A626B



424047



C7C7C7



474747

Same Dimension

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



534A6B



67588C



634A6B



323036



200075



4300F5

Inverse Universe

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



6B4A62



8C587E



526B4A



363034



750055



F500B2

Previews

White Background



This preview shows how the Hex color 534A6B looks on a white background.

Color Contrast Check

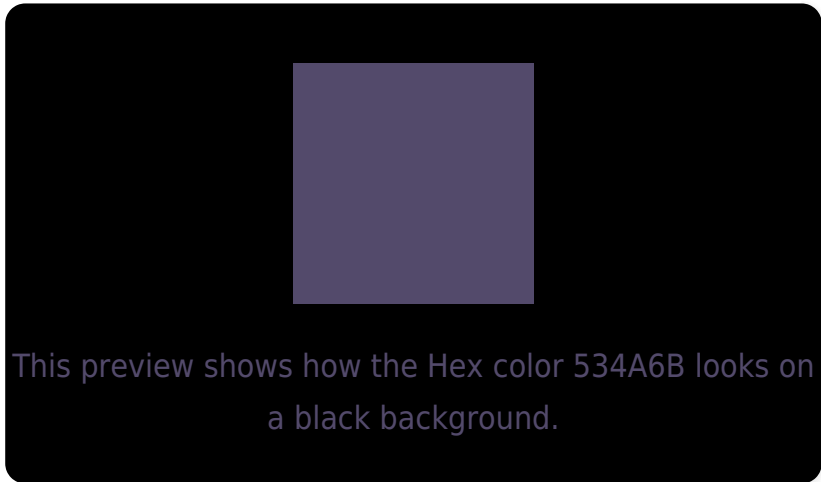
Large Text (above 18pt) WCAG AA ✓ Pass

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

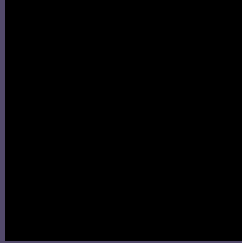
Any Text WCAG AA × Fail

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 534A6B Background



This preview shows how black text looks on a background with the Hex color 534A6B.

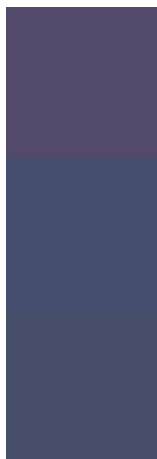


This preview shows how white text looks on a background with the Hex color 534A6B.

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
534A6B

Protanopia
454E6E

Deuteranopia
474E6A



Tritanopia
4F4E55

Trichromacy



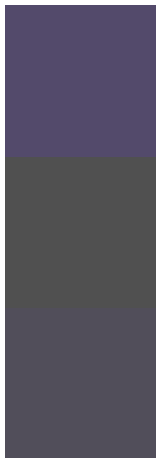
Original Color
534A6B

Protanomaly
4A4D6D

Deuteranomaly
4B4D6A

Tritanomaly
504D5D

Monochromacy



Original Color
534A6B

Achromatopsia
505050

Achromatomaly
514E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 534A6B 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 #534A6B looks like.

```
.text, #text, p{  
    color:#534A6B  
}
```

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 #534A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534A6B
}
```

Border

The CSS property to change the border of an element to Hex 534A6B 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
#534A6B }
```

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

```
.border{ border-color:#534A6B }
```

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

Here you see how a box with a 4 pixel #534A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534A6B; -webkit-box-shadow:4px 4px  
4px 4px #534A6B; box-shadow:4px 4px 4px  
4px #534A6B }
```

Background

The CSS property to change the background color of an element to Hex 534A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534A6B }
```

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

```
.background{ background-color:#534A6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor