

Converting Colors

Hex(564F83)

Have a look what the booklet for
Hex(564F83) contains.

Hex(564F83)	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(564F83)

Conversions

Conversions Part 1

Format	Color
Hex	564F83
RGB	86, 79, 131
RGB Percent	34%, 31%, 51%
CMY	0.6627, 0.6902, 0.4863
CMYK	0.34, 0.40, 0.00, 0.49
HSL	248°, 25%, 41%
HSV	248°, 40%, 51%
XYZ	10.7305, 9.2091, 22.6847
YIQ	87.0210, -12.5200, 17.6560

Conversions

Conversions Part 2

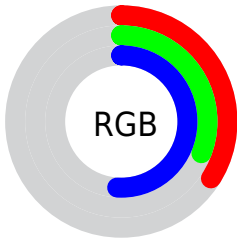
Format	Color
R_{YB}	86, 79, 131
Decimal	5656451
CIE _{Lab}	36.38, 15.86, -28.25
CIE _{LCh}	36, 32.397, 299.318
Yxy	9.2091, 0.2517, 0.2161
Android (android.graphics.Color)	4283846531 (0xFF564F83)
YUV	87.0210, 21.6816, -0.8954
Hunter-Lab	30.3465, 10.0110, -23.0781

Details

The Hex color **564F83** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C834F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8980B8**, and **252351** is the 20% darker color. If you saturate the color by 10%, you get **4B4283**, and if you desaturate by 10%, it is **615C83**.

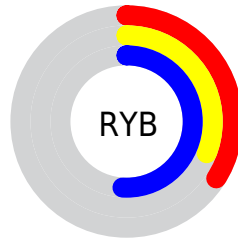
Distribution



Red (34%)

Green (31%)

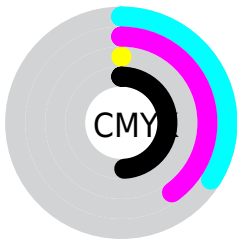
Blue (51%)



Red (34%)

Yellow (31%)

Blue (51%)

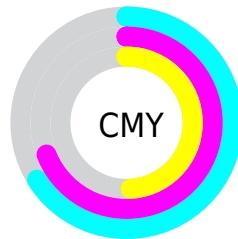


Cyan (34%)

Magenta (40%)

Yellow (0%)

Black (49%)



Cyan (66%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564F83 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 564F83 by changing the saturation by 10% instead.

■ 564F83

■ 564F83

FFFFFF

■ 3D386A

■ 8980B8

■ 252351

■ A49AD4

■ 0C0E3A

■ C0B5F1

■ 000224

■ DCD1FF

■ 00000C

■ F9EDFF

■ 000000

■ 564F83

■ 564F83

■ 4B4283

■ 615C83

■ 3F3583

■ 6D6983

■ 342883

■ 787683

■ 291B83

■ 838383

■ 1D0E83

■ 8F9183

■ 120083

■ 9A9E83

■ A5AB83

■ B1B883

■ BCC583

Harmonies

Analogous

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



215989



564F83



754571

Triad

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



564F83



794A29



006354

Complementary

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



564F83



7C834F

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.



29603A



564F83



655420

Square

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



564F83



85423E



4B5C26



00626E

Rectangle

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



564F83



814060



4B5C26



00624B

Sweetspot

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



564F83



9996AB



4F7C83



4C4B57



D6D6D6



575757

Same Dimension

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



564F83



6459AB



704F83



3D3C42



120082



000003

Inverse Universe

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



834F7C



AB59A0



62834F



423C41



820071



030002

Previews

White Background



This preview shows how the Hex color 564F83 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

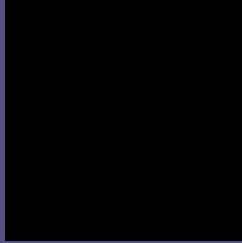
Any Text WCAG AA × Fail

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 564F83 Background



This preview shows how black text looks on a background with the Hex color 564F83.



This preview shows how white text looks on a background with the Hex color 564F83.

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
564F83

Protanopia
425487

Deuteranopia
415582



Tritanopia
4E575E

Trichromacy



Original Color

564F83

Protanomaly

495286

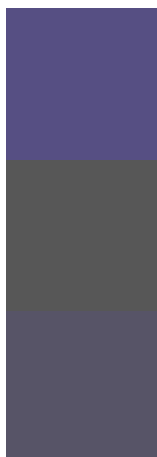
Deuteranomaly

495382

Tritanomaly

51546B

Monochromacy



Original Color

564F83

Achromatopsia

575757

Achromatomaly

575467

CSS Examples

Text

The CSS property to change the color of the text to Hex 564F83 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 #564F83 looks like.

```
.text, #text, p{  
    color:#564F83  
}
```

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 #564F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564F83
}
```

Border

The CSS property to change the border of an element to Hex 564F83 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".

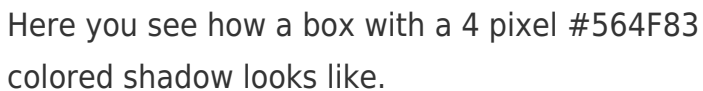
```
.border, #border, table{ border:4px solid
#564F83 }
```

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

```
.border{ border-color:#564F83 }
```

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

Here you see how a box with a 4 pixel #564F83 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564F83; -webkit-box-shadow:4px 4px  
4px 4px #564F83; box-shadow:4px 4px 4px  
4px #564F83 }
```

Background

The CSS property to change the background color of an element to Hex 564F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564F83 }
```

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

```
.background{ background-color:#564F83 }
```

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