

Converting Colors

Hex(574265)

Have a look what the booklet for
Hex(574265) contains.

Hex(574265)	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(574265)

Conversions

Conversions Part 1

Format	Color
Hex	574265
RGB	87, 66, 101
RGB Percent	34%, 26%, 40%
CMY	0.6588, 0.7412, 0.6039
CMYK	0.14, 0.35, 0.00, 0.60
HSL	276°, 21%, 33%
HSV	276°, 35%, 40%
XYZ	8.2277, 6.8623, 13.2028
YIQ	76.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

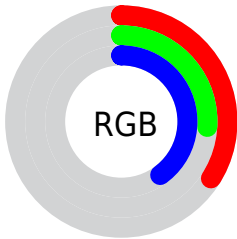
Format	Color
R_{YB}	87, 66, 101
Decimal	5718629
CIE _{Lab}	31.49, 16.48, -17.11
CIE _{LCh}	31, 23.755, 313.922
Yxy	6.8623, 0.2908, 0.2425
Android (android.graphics.Color)	4283908709 (0xFF574265)
YUV	76.2690, 12.1924, 9.4111
Hunter-Lab	26.1959, 10.2208, -11.5452

Details

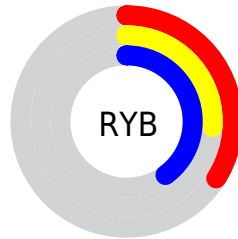
The Hex color **574265** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **506542**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **897298**, and **291736** is the 20% darker color. If you saturate the color by 10%, you get **533865**, and if you desaturate by 10%, it is **5B4C65**.

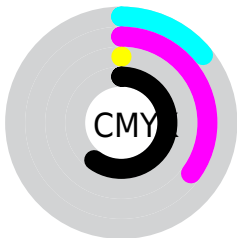
Distribution



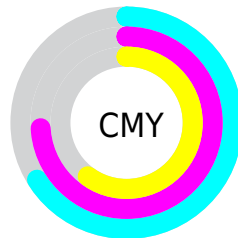
- Red (34%)
- Green (26%)
- Blue (40%)



- Red (34%)
- Yellow (26%)
- Blue (40%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (60%)



- Cyan (66%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 574265 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 574265 by changing the saturation by 10% instead.

■ 574265

■ 574265

FFFFFF

■ 3F2C4D

■ 897298

■ 291736

■ A48CB3

■ 170021

■ BFA6CE

■ 000006

■ DBC1EB

■ 000000

■ F8DDFF

■ FFFAFF

■ 574265

■ 574265

■ 533865

■ 5B4C65

■ 4F2E65

■ 5F5665

■ 4B2465

■ 636065

■ 471A65

■ 676A65

■ 431065

■ 6B7565

■ 3F0565

■ 6F7F65

■ 3D0065

■ 738965

■ 779365

■ 7B9D65

Harmonies

Analogous

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



3C496E



574265



683C55

Triad

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



574265



5E4626



005452

Complementary

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



574265



506542

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.



1F533F



574265



4D4C25

Square

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



574265



6A3F31



39502F



005363

Rectangle

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



574265



6D3B48



39502F



04544C

Sweetspot

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



574265



7D7582



425065



3F3A42



C2C2C2



424242

Same Dimension

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



574265



6C4B82



654262



312E33



450073



9100F2

Inverse Universe

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



654250



824B61



426546



332E30



73002E



F20061

Previews

White Background



This preview shows how the Hex color 574265 looks on a white background.

Color Contrast Check

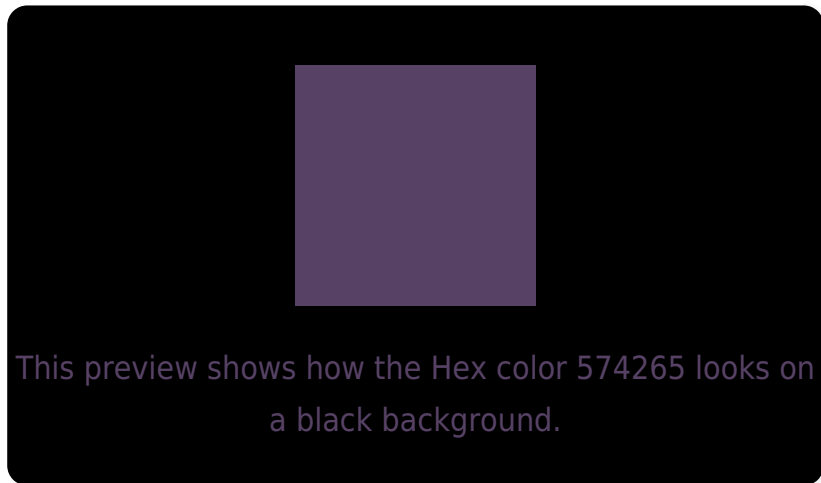
Large Text (above 18pt) WCAG AA ✓ Pass

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

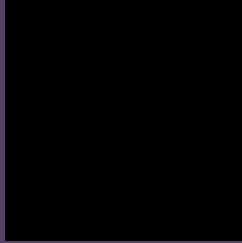
Any Text WCAG AA × Fail

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 574265 Background



This preview shows how black text looks on a background with the Hex color 574265.



This preview shows how white text looks on a background with the Hex color 574265.

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
574265

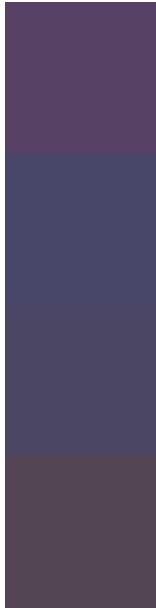
Protanopia
40496B

Deuteranopia
434964



Tritanopia
53474C

Trichromacy



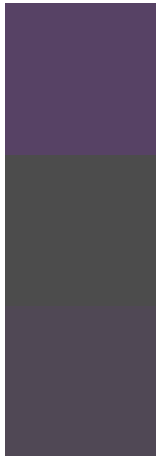
Original Color
574265

Protanomaly
484669

Deuteranomaly
4A4664

Tritanomaly
544555

Monochromacy



Original Color
574265

Achromatopsia
4C4C4C

Achromatomaly
504855

CSS Examples

Text

The CSS property to change the color of the text to Hex 574265 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 #574265 looks like.

```
.text, #text, p{  
    color:#574265  
}
```

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 #574265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574265
}
```

Border

The CSS property to change the border of an element to Hex 574265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

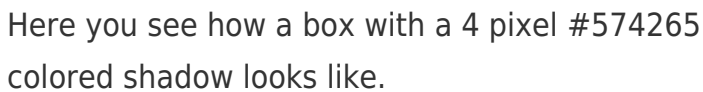
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574265 }
```

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

```
.border{ border-color:#574265 }
```

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



Here you see how a box with a 4 pixel #574265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574265; -webkit-box-shadow:4px 4px  
4px 4px #574265; box-shadow:4px 4px 4px  
4px #574265 }
```

Background

The CSS property to change the background color of an element to Hex 574265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574265 }
```

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

```
.background{ background-color:#574265 }
```

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