

Converting Colors

Hex(D5747E)

Have a look what the booklet for
Hex(D5747E) contains.

Hex(D5747E)	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(D5747E)

Conversions

Conversions Part 1

Format	Color
Hex	D5747E
RGB	213, 116, 126
RGB Percent	84%, 45%, 49%
CMY	0.1647, 0.5451, 0.5059
CMYK	0.00, 0.46, 0.41, 0.16
HSL	354°, 54%, 65%
HSV	354°, 46%, 84%
XYZ	37.4519, 28.1433, 23.1969
YIQ	146.1430, 54.6020, 23.6740

Conversions

Conversions Part 2

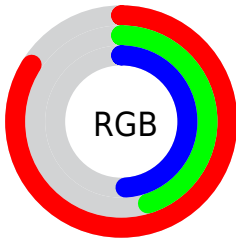
Format	Color
RYB	213, 116, 126
Decimal	13988990
CIELab	60.02, 38.90, 11.62
CIElCh	60, 40.596, 16.626
Yxy	28.1433, 0.4218, 0.3170
Android (android.graphics.Color)	4292179070 (0xFFD5747E)
YUV	146.1430, -9.9305, 58.6336
Hunter-Lab	53.0502, 33.1777, 11.2098

Details

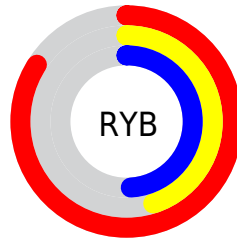
The Hex color **D5747E** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74D5CB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAAB3**, and **9B414D** is the 20% darker color. If you saturate the color by 10%, you get **D55F6B**, and if you desaturate by 10%, it is **D58991**.

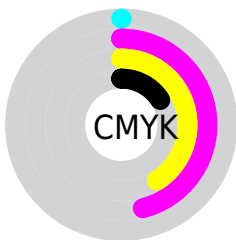
Distribution



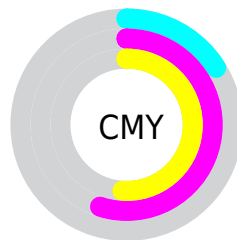
- Red (84%)
- Green (45%)
- Blue (49%)



- Red (84%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (41%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5747E 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 D5747E by changing the saturation by 10% instead.

 D5747E

 D5747E

FFFFFF

 B85A65

 FFAAB3

 9B414D

 FFC6CE

 7F2737

 FFE2EA

 630A21

 48000B

 310002

 000000

 D5747E

 D5747E

 D55F6B

 D58991

 D54958

 D59FA4

 D53445

 D5B4B7

 D51F32

 D5C9CA

 D5091E

 D5DFDE

 D50016

 D5F4F1

 D5FFFF

Harmonies

Analogous

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



CB75A2



D5747E



CC7C5E

Triad

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



D5747E



6B9D5E



2C99D6

Complementary

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



D5747E



74D5CB

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.



00A0C4



D5747E



34A27F

Square

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



D5747E



93954A



00A3A4



7B8DD5

Rectangle

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



D5747E



BE854F



00A3A4



009CD2

Sweetspot

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



D5747E



FFDBDF



CA74D5



806A6C



000000



808080

Same Dimension

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



D5747E



FF7381



D59974



6B6061



AB0012



2B0004

Inverse Universe

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



D5747E



FF7381



74B0D5



6B6061



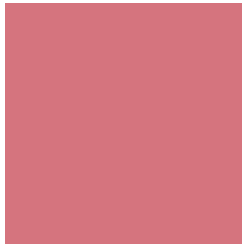
AB0012



2B0004

Previews

White Background



This preview shows how the Hex color D5747E looks on a white background.

Color Contrast Check

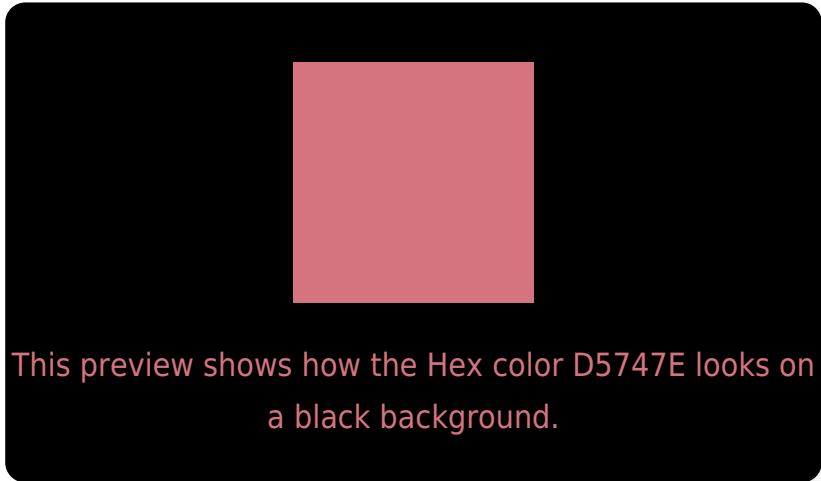
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D5747E Background



This preview shows how black text looks on a background with the Hex color D5747E.



This preview shows how white text looks on a background with the Hex color D5747E.

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





Tritanopia
D5747D

Trichromacy



Original Color
D5747E

Protanomaly
AC8688

Deuteranomaly
B8837B

Tritanomaly
D5747D

Monochromacy



Original Color
D5747E

Achromatopsia
929292

Achromatomaly
AA878B

CSS Examples

Text

The CSS property to change the color of the text to Hex D5747E 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 #D5747E looks like.

```
.text, #text, p{  
    color:#D5747E  
}
```

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 #D5747E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5747E
}
```

Border

The CSS property to change the border of an element to Hex D5747E 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
#D5747E }
```

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

```
.border{ border-color:#D5747E }
```

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

Here you see how a box with a 4 pixel #D5747E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5747E; -webkit-box-shadow:4px 4px  
4px 4px #D5747E; box-shadow:4px 4px 4px  
4px #D5747E }
```

Background

The CSS property to change the background color of an element to Hex D5747E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5747E }
```

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

```
.background{ background-color:#D5747E }
```

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