

Converting Colors

Hex(DC527B)

Have a look what the booklet for
Hex(DC527B) contains.

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Color

Hex(DC527B)

Conversions

Conversions Part 1

Format	Color
Hex	DC527B
RGB	220, 82, 123
RGB Percent	86%, 32%, 48%
CMY	0.1373, 0.6784, 0.5176
CMYK	0.00, 0.63, 0.44, 0.14
HSL	342°, 66%, 59%
HSV	342°, 63%, 86%
XYZ	36.1076, 22.6803, 21.2135
YIQ	127.9360, 69.0870, 42.0070

Conversions

Conversions Part 2

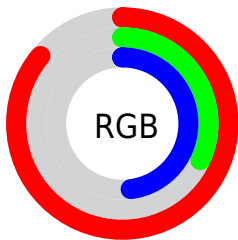
Format	Color
R_{YB}	220, 82, 123
Decimal	14439035
CIE _{Lab}	54.74, 57.20, 6.02
CIE _{LCh}	55, 57.520, 6.012
Yxy	22.6803, 0.4513, 0.2835
Android (android.graphics.Color)	4292629115 (0xFFDC527B)
YUV	127.9360, -2.4334, 80.7401
Hunter-Lab	47.6238, 51.9942, 6.9266

Details

The Hex color **DC527B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **52DCB3**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8AAF**, and **A0104B** is the 20% darker color. If you saturate the color by 10%, you get **DC3C6C**, and if you desaturate by 10%, it is **DC688A**.

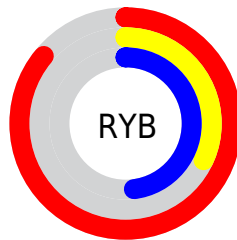
Distribution



Red (86%)

Green (32%)

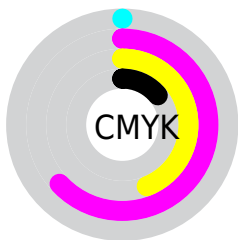
Blue (48%)



Red (86%)

Yellow (32%)

Blue (48%)

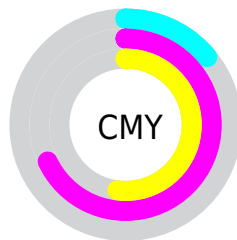


Cyan (0%)

Magenta (63%)

Yellow (44%)

Black (14%)



Cyan (14%)

Magenta (68%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC527B 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 DC527B by changing the saturation by 10% instead.

 DC527B

 DC527B

FFFFFF

 BE3562

 FF8AAF

 A0104B

 FFA6CB

 830034

 FFC2E7

 66001F

 FFE0FF

 4A0006

 FFFDFD

 2E0002

 000000

 DC527B

 DC527B

 DC3C6C

 DC688A

 DC265C

 DC7E9A

 DC104D

 DC94A9

 DC0041

 DCAAB9

 DCC0C8

 DCD6D8

 DCECE7

 DCFFF7

 DCFFFF

Harmonies

Analogous

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



C75CAC



DC527B



D65D4B

Triad

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



DC527B



5F912B



0093DE

Complementary

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



DC527B



52DCB3

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.



0099BC



DC527B



009858

Square

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



DC527B



93840D



009A8C



0685E6

Rectangle

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



DC527B



C66B2F



009A8C



0096D5

Sweetspot

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



DC527B



FFCFDD



B352DC



80626B



000000



808080

Same Dimension

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



DC527B



FF4079



DC6E52



6E6366



AD0034



2E000E

Inverse Universe

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



DC527B



FF4079



52C0DC



6E6366



AD0034



2E000E

Previews

White Background



This preview shows how the Hex color DC527B looks on a white background.

Color Contrast Check

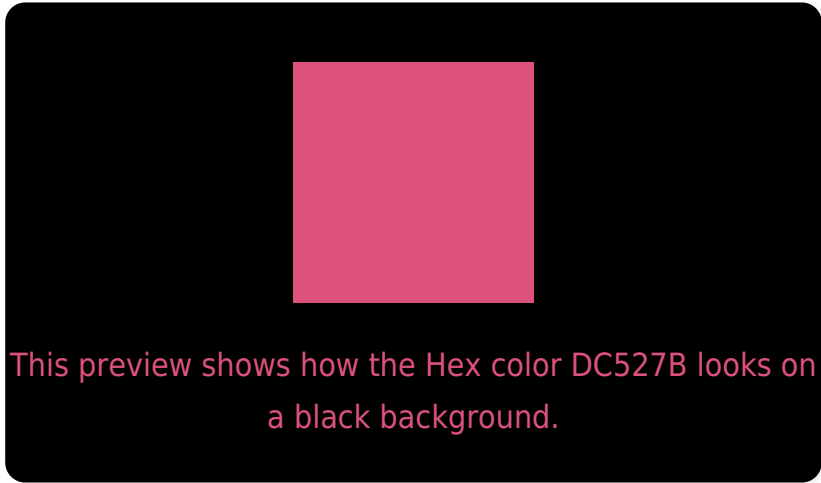
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC527B Background



This preview shows how black text looks on a background with the Hex color DC527B.



This preview shows how white text looks on a background with the Hex color DC527B.

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
DC527B

Protanopia
808297

Deuteranopia
967F74

Trichromacy



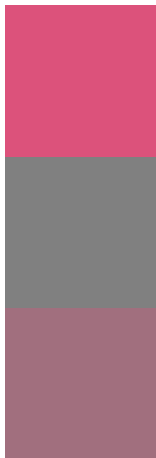
Original Color
DC527B

Protanomaly
A1718D

Deuteranomaly
AF6F77

Tritanomaly
DB5669

Monochromacy



Original Color
DC527B

Achromatopsia
808080

Achromatomaly
A16F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex DC527B 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 #DC527B looks like.

```
.text, #text, p{  
    color:#DC527B  
}
```

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 #DC527B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC527B
}
```

Border

The CSS property to change the border of an element to Hex DC527B 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
#DC527B }
```

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

```
.border{ border-color:#DC527B }
```

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

Here you see how a box with a 4 pixel #DC527B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC527B; -webkit-box-shadow:4px 4px  
4px 4px #DC527B; box-shadow:4px 4px 4px  
4px #DC527B }
```

Background

The CSS property to change the background color of an element to Hex DC527B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC527B }
```

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

```
.background{ background-color:#DC527B }
```

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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