

Converting Colors

Hex(DC156E)

Have a look what the booklet for
Hex(DC156E) contains.

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Color

Hex(DC156E)

Conversions

Conversions Part 1

Format	Color
Hex	DC156E
RGB	220, 21, 110
RGB Percent	86%, 8%, 43%
CMY	0.1373, 0.9176, 0.5686
CMYK	0.00, 0.90, 0.50, 0.14
HSL	333°, 83%, 47%
HSV	333°, 90%, 86%
XYZ	32.5978, 16.8778, 16.2915
YIQ	90.6470, 90.0350, 69.8670

Conversions

Conversions Part 2

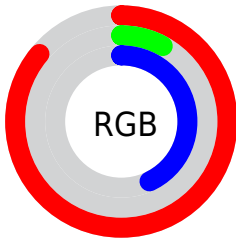
Format	Color
R_{YB}	220, 21, 110
Decimal	14423406
CIE _{Lab}	48.11, 73.67, 4.35
CIE _{LCh}	48, 73.799, 3.379
Yxy	16.8778, 0.4957, 0.2566
Android (android.graphics.Color)	4292613486 (0xFFDC156E)
YUV	90.6470, 9.5410, 113.4426
Hunter-Lab	41.0826, 69.7402, 5.2461

Details

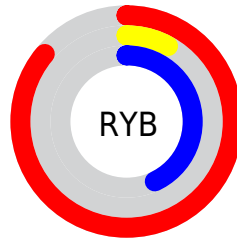
The Hex color **DC156E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **15DC83**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF61A1**, and **9E003F** is the 20% darker color. If you saturate the color by 10%, you get **DC0062**, and if you desaturate by 10%, it is **DC2B7A**.

Distribution



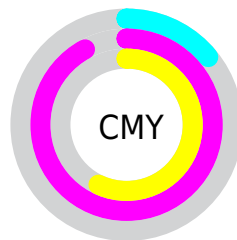
- Red (86%)
- Green (8%)
- Blue (43%)



- Red (86%)
- Yellow (8%)
- Blue (43%)



- Cyan (0%)
- Magenta (90%)
- Yellow (50%)
- Black (14%)



- Cyan (14%)
- Magenta (92%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC156E 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 DC156E by changing the saturation by 10% instead.

 DC156E

 DC156E

FFFFFF

 BD0056

 FF61A1

 9E003F

 FF7FBC

 800029

 FF9DD8

 610015

 FFBAF4

 450003

 FFD8FF

 240001

 FFF6FF

 000000

 DC156E

 DC156E

 DC0062

 DC2B7A

 DC4186

 DC5792

 DC6D9F

 DC83AB

 DC99B7

 DCAFC3

 DCC5CF

 DCDBDB

Harmonies

Analogous

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



C037AB



DC156E



D53431

Triad

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



DC156E



438100



0087E2

Complementary

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



DC156E



15DC83

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.



008CB6



DC156E



008936

Square

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



DC156E



857200



008C78



0078F0

Rectangle

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



DC156E



C24D00



008C78



0089D6

Sweetspot

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



DC156E



FFBAD9



8215DC



805769



000000



808080

Same Dimension

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



DC156E



FF0072



DC1F15



6E6368



AD004E



2E0015

Inverse Universe

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



DC156E



FF0072



15D2DC



6E6368



AD004E



2E0015

Previews

White Background



This preview shows how the Hex color DC156E looks on a white background.

Color Contrast Check

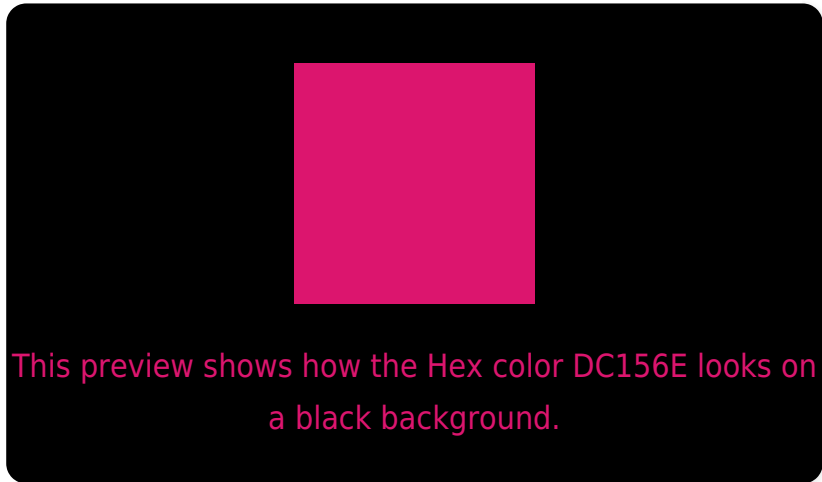
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex DC156E Background



This preview shows how black text looks on a background with the Hex color DC156E.



This preview shows how white text looks on a background with the Hex color DC156E.

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
DC156E

Protanopia
67729D

Deuteranopia
846F65



Tritanopia
D92F2F

Trichromacy



Original Color
DC156E



Protanomaly
92508C



Deuteranomaly
A44E68

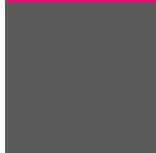


Tritanomaly
DA2646

Monochromacy



Original Color
DC156E



Achromatopsia
5B5B5B



Achromatomaly
8A4262

CSS Examples

Text

The CSS property to change the color of the text to Hex DC156E 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 #DC156E looks like.

```
.text, #text, p{  
    color:#DC156E  
}
```

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 #DC156E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC156E
}
```

Border

The CSS property to change the border of an element to Hex DC156E 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
#DC156E }
```

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

```
.border{ border-color:#DC156E }
```

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

Here you see how a box with a 4 pixel #DC156E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC156E; -webkit-box-shadow:4px 4px  
4px 4px #DC156E; box-shadow:4px 4px 4px  
4px #DC156E }
```

Background

The CSS property to change the background color of an element to Hex DC156E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC156E }
```

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

```
.background{ background-color:#DC156E }
```

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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