

Converting Colors

Hex(DF234E)

Have a look what the booklet for
Hex(DF234E) contains.

Hex(DF234E)	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(DF234E)

Conversions

Conversions Part 1

Format	Color
Hex	DF234E
RGB	223, 35, 78
RGB Percent	87%, 14%, 31%
CMY	0.1255, 0.8627, 0.6941
CMYK	0.00, 0.84, 0.65, 0.13
HSL	346°, 75%, 51%
HSV	346°, 84%, 87%
XYZ	32.4076, 17.4401, 8.8659
YIQ	96.1140, 98.2450, 53.2290

Conversions

Conversions Part 2

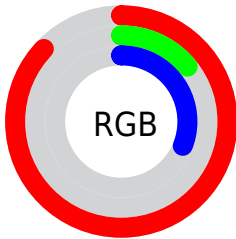
Format	Color
R_{YB}	223, 35, 78
Decimal	14623566
CIE Lab	48.81, 69.95, 25.05
CIE LCh	49, 74.305, 19.706
Yxy	17.4401, 0.5520, 0.2970
Android (android.graphics.Color)	4292813646 (0xFFDF234E)
YUV	96.1140, -8.9302, 111.2790
Hunter-Lab	41.7613, 65.4371, 16.6457

Details

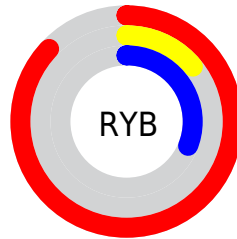
The Hex color **DF234E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **23DFB4**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF677F**, and **A00023** is the 20% darker color. If you saturate the color by 10%, you get **DF0D3D**, and if you desaturate by 10%, it is **DF395F**.

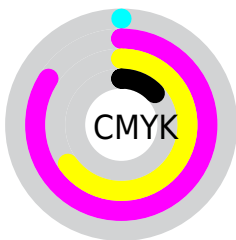
Distribution



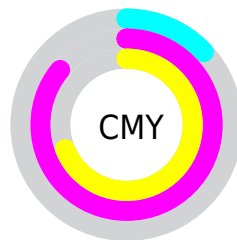
- Red (87%)
- Green (14%)
- Blue (31%)



- Red (87%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (84%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF234E 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 DF234E by changing the saturation by 10% instead.

 DF234E

 DF234E

FFFFFF

 BF0037

 FF677F

 A00023

 FF8499

 81000E

 FFA1B3

 620001

 FFBFCF

 450003

 FFDDEB

 230001

 FFFBFF

 000000

 DF234E

 DF234E

 DF0D3D

 DF395F

■ DF0033

■ DF5070

■ DF6682

■ DF7C93

■ DF93A4

■ DFA9B5

■ DFBFC6

■ DFD5D8

■ DFECE9

Harmonies

Analogous

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



D7218C



DF234E



C94B0B

Triad

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



DF234E



008812



0082F1

Complementary

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



DF234E



23DFB4

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.



008CD4



DF234E



008D5B

Square

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



DF234E



667D00



008F9D



276DEC

Rectangle

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



DF234E



AF6100



008F9D



0087EB

Sweetspot

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



DF234E



FFBFCE



B323DF



805962



000000



808080

Same Dimension

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



DF234E



FF003A



DF5523



706568



B00028



30000B

Inverse Universe

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



DF234E



FF003A



23ADDF



706568



B00028



30000B

Previews

White Background



This preview shows how the Hex color DF234E looks on a white background.

Color Contrast Check

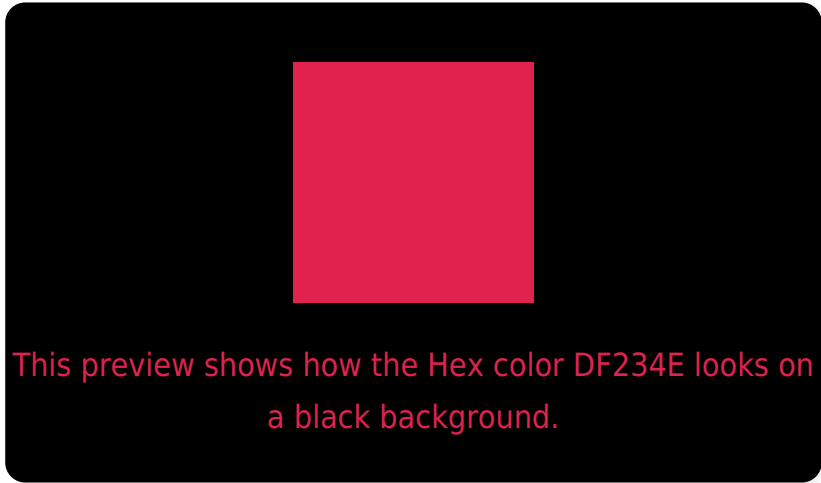
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF234E Background



This preview shows how black text looks on a background with the Hex color DF234E.

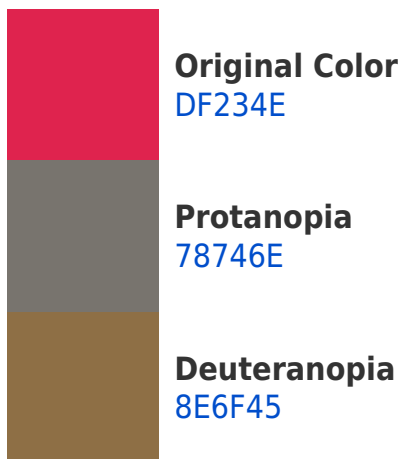


This preview shows how white text looks on a background with the Hex color DF234E.

Color Blindness Simulation

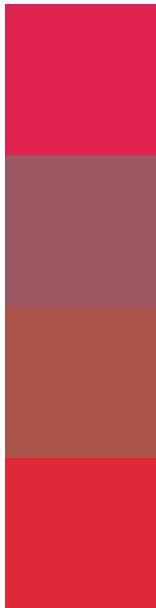
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



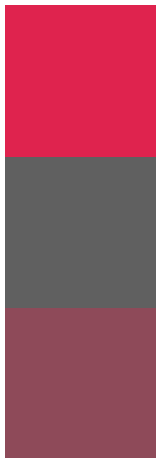
Original Color
DF234E

Protanomaly
9D5762

Deuteranomaly
AB5348

Tritanomaly
DE2938

Monochromacy



Original Color
DF234E

Achromatopsia
606060

Achromatomaly
8E4A59

CSS Examples

Text

The CSS property to change the color of the text to Hex DF234E 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 #DF234E looks like.

```
.text, #text, p{  
    color:#DF234E  
}
```

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 #DF234E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF234E
}
```

Border

The CSS property to change the border of an element to Hex DF234E 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
#DF234E }
```

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

```
.border{ border-color:#DF234E }
```

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

Here you see how a box with a 4 pixel #DF234E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF234E; -webkit-box-shadow:4px 4px  
4px 4px #DF234E; box-shadow:4px 4px 4px  
4px #DF234E }
```

Background

The CSS property to change the background color of an element to Hex DF234E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF234E }
```

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

```
.background{ background-color:#DF234E }
```

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