

Converting Colors

Hex(DC2A4E)

Have a look what the booklet for
Hex(DC2A4E) contains.

Hex(DC2A4E)	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(DC2A4E)

Conversions

Conversions Part 1

Format	Color
Hex	DC2A4E
RGB	220, 42, 78
RGB Percent	86%, 16%, 31%
CMY	0.1373, 0.8353, 0.6941
CMYK	0.00, 0.81, 0.65, 0.14
HSL	348°, 72%, 51%
HSV	348°, 81%, 86%
XYZ	31.7183, 17.4216, 8.8987
YIQ	99.3260, 94.5320, 48.9320

Conversions

Conversions Part 2

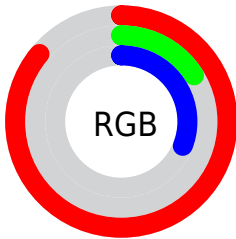
Format	Color
RYB	220, 42, 78
Decimal	14428750
CIELab	48.79, 67.56, 24.91
CIELCh	49, 72.003, 20.239
Yxy	17.4216, 0.5465, 0.3002
Android (android.graphics.Color)	4292618830 (0xFFDC2A4E)
YUV	99.3260, -10.5137, 105.8311
Hunter-Lab	41.7392, 62.6014, 16.5770

Details

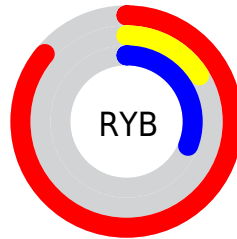
The Hex color **DC2A4E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2ADCB8**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6A7F**, and **9D0022** is the 20% darker color. If you saturate the color by 10%, you get **DC143C**, and if you desaturate by 10%, it is **DC4060**.

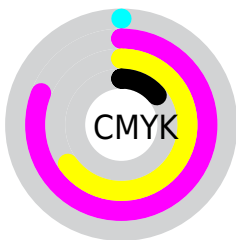
Distribution



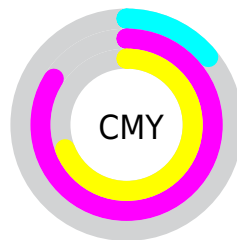
- Red (86%)
- Green (16%)
- Blue (31%)



- Red (86%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (81%)
- Yellow (65%)
- Black (14%)



- Cyan (14%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2A4E 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 DC2A4E by changing the saturation by 10% instead.

 DC2A4E

 DC2A4E

FFFFFF

 BC0037

 FF6A7F

 9D0022

 FF8799

 7E000E

 FFA4B3

 600001

 FFC2CF

 430003

 FFDFEB

 210001

 FFFDFD

 000000

 DC2A4E

 DC2A4E

 DC143C

 DC4060

 DC002C

 DC5671

 DC6C83

 DC8294

 DC98A6

 DCAEB7

 DCC4C9

 DCDADA

 DCF0EC

Harmonies

Analogous

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



D4288B



DC2A4E



C74D0F

Triad

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



DC2A4E



008819



0081ED

Complementary

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



DC2A4E



2ADCB8

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.



008BD1



DC2A4E



008D5D

Square

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



DC2A4E



667D00



008E9D



346DE8

Rectangle

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



DC2A4E



AD6200



008E9D



0086E7

Sweetspot

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



DC2A4E



FFC2CE



B52ADC



805B62



000000



808080

Same Dimension

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



DC2A4E



FF083A



DC5C2A



6E6365



AD0023



2E0009

Inverse Universe

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



DC2A4E



FF083A



2AAADC



6E6365



AD0023



2E0009

Previews

White Background



This preview shows how the Hex color DC2A4E looks on a white background.

Color Contrast Check

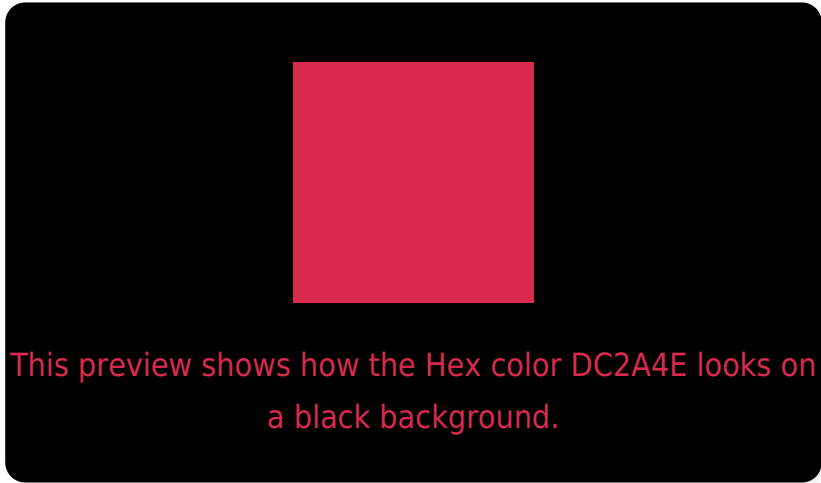
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2A4E Background



This preview shows how black text looks on a background with the Hex color DC2A4E.



This preview shows how white text looks on a background with the Hex color DC2A4E.

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
DC2A4E

Protanopia
79746C

Deuteranopia
8E6F45

Trichromacy



Original Color
DC2A4E

Protanomaly
9D5961

Deuteranomaly
AA5648

Tritanomaly
DB2E3C

Monochromacy



Original Color
DC2A4E

Achromatopsia
636363

Achromatomaly
8F4E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2A4E 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 #DC2A4E looks like.

```
.text, #text, p{  
    color:#DC2A4E  
}
```

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 #DC2A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2A4E
}
```

Border

The CSS property to change the border of an element to Hex DC2A4E 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
#DC2A4E }
```

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

```
.border{ border-color:#DC2A4E }
```

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

Here you see how a box with a 4 pixel #DC2A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2A4E; -webkit-box-shadow:4px 4px  
4px 4px #DC2A4E; box-shadow:4px 4px 4px  
4px #DC2A4E }
```

Background

The CSS property to change the background color of an element to Hex DC2A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2A4E }
```

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

```
.background{ background-color:#DC2A4E }
```

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