

Converting Colors

Hex(DE2786)

Have a look what the booklet for
Hex(DE2786) contains.

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Color

Hex(DE2786)

Conversions

Conversions Part 1

Format	Color
Hex	DE2786
RGB	222, 39, 134
RGB Percent	87%, 15%, 53%
CMY	0.1294, 0.8471, 0.4745
CMYK	0.00, 0.82, 0.40, 0.13
HSL	329°, 73%, 51%
HSV	329°, 82%, 87%
XYZ	35.1528, 18.7019, 24.3113
YIQ	104.5470, 78.5730, 68.3410

Conversions

Conversions Part 2

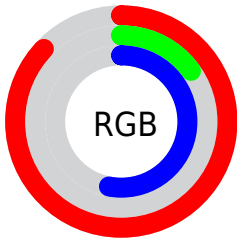
Format	Color
R _Y B	222, 39, 134
Decimal	14559110
CIE Lab	50.34, 72.97, -6.96
CIE LCh	50, 73.301, 354.552
Yxy	18.7019, 0.4497, 0.2393
Android (android.graphics.Color)	4292749190 (0xFFDE2786)
YUV	104.5470, 14.5203, 103.0063
Hunter-Lab	43.2457, 69.4162, -3.0590

Details

The Hex color **DE2786** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **27DE7F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6ABB**, and **A10055** is the 20% darker color. If you saturate the color by 10%, you get **DE117B**, and if you desaturate by 10%, it is **DE3D91**.

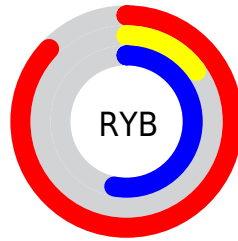
Distribution



Red (87%)

Green (15%)

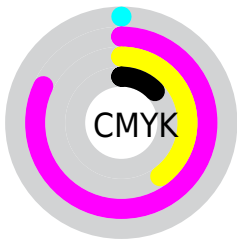
Blue (53%)



Red (87%)

Yellow (15%)

Blue (53%)

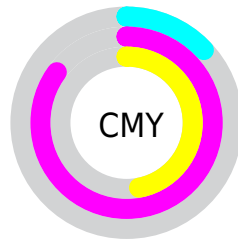


Cyan (0%)

Magenta (82%)

Yellow (40%)

Black (13%)



Cyan (13%)

Magenta (85%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE2786 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 DE2786 by changing the saturation by 10% instead.

 DE2786

 DE2786

FFFFFF

 BF006D

 FF6ABB

 A10055

 FF88D7

 83003D

 FFA6F3

 660028

 FFC3FF

 4B0013

 FFE1FF

 2C0001

 000000

 DE2786

 DE2786

 DE117B

 DE3D91

 DE0073

 DE539B

 DE6AA6

 DE80B1

 DE96BB

 DEACC6

 DEC2D1

 DED9DB

 DEEFE6

Harmonies

Analogous

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



B64AC1



DE2786



E13148

Triad

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



DE2786



608300



008FDE

Complementary

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



DE2786



27DE7F

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.



0093AA



DE2786



008D27

Square

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



DE2786



9B7100



00926A



0083F5

Rectangle

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



DE2786



D34920



00926A



0091CF

Sweetspot

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



DE2786



FFBFE0



7C27DE



80596D



000000



808080

Same Dimension

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



DE2786



FF0386



DE272D



70656B



B0005B



300019

Inverse Universe

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



DE2786



FF0386



27DED8



70656B



B0005B



300019

Previews

White Background



This preview shows how the Hex color DE2786 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 DE2786 Background



This preview shows how black text looks on a background with the Hex color DE2786.



This preview shows how white text looks on a background with the Hex color DE2786.

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
DA3E41

Trichromacy



Original Color
DE2786



Protanomaly
8E59A6



Deuteranomaly
A35980



Tritanomaly
DB365A

Monochromacy



Original Color
DE2786



Achromatopsia
696969



Achromatomaly
945174

CSS Examples

Text

The CSS property to change the color of the text to Hex DE2786 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 #DE2786 looks like.

```
.text, #text, p{  
    color:#DE2786  
}
```

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 #DE2786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE2786
}
```

Border

The CSS property to change the border of an element to Hex DE2786 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
#DE2786 }
```

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

```
.border{ border-color:#DE2786 }
```

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

Here you see how a box with a 4 pixel #DE2786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE2786; -webkit-box-shadow:4px 4px  
4px 4px #DE2786; box-shadow:4px 4px 4px  
4px #DE2786 }
```

Background

The CSS property to change the background color of an element to Hex DE2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE2786 }
```

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

```
.background{ background-color:#DE2786 }
```

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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