

Converting Colors

Hex(D24F77)

Have a look what the booklet for
Hex(D24F77) contains.

Hex(D24F77)	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(D24F77)

Conversions

Conversions Part 1

Format	Color
Hex	D24F77
RGB	210, 79, 119
RGB Percent	82%, 31%, 47%
CMY	0.1765, 0.6902, 0.5333
CMYK	0.00, 0.62, 0.43, 0.18
HSL	342°, 59%, 57%
HSV	342°, 62%, 82%
XYZ	32.7041, 20.6255, 19.7102
YIQ	122.7290, 65.2360, 40.2120

Conversions

Conversions Part 2

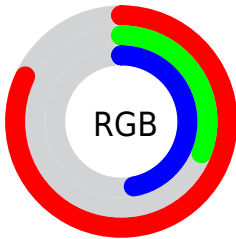
Format	Color
R_{YB}	210, 79, 119
Decimal	13782903
CIE _{Lab}	52.54, 54.95, 5.03
CIE _{LCh}	53, 55.179, 5.230
Yxy	20.6255, 0.4478, 0.2824
Android (android.graphics.Color)	4291972983 (0xFFD24F77)
YUV	122.7290, -1.8384, 76.5367
Hunter-Lab	45.4153, 49.0631, 6.0589

Details

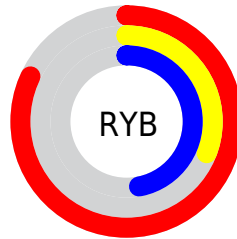
The Hex color **D24F77** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4FD2AA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF86AB**, and **970E47** is the 20% darker color. If you saturate the color by 10%, you get **D23A68**, and if you desaturate by 10%, it is **D26486**.

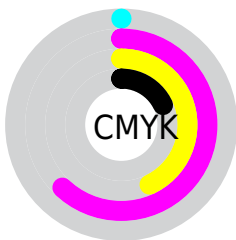
Distribution



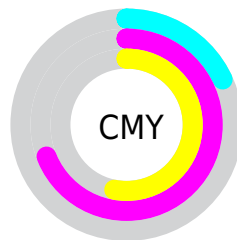
- Red (82%)
- Green (31%)
- Blue (47%)



- Red (82%)
- Yellow (31%)
- Blue (47%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color D24F77 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 D24F77 by changing the saturation by 10% instead.

 D24F77

 D24F77

FFFFFF

 B4325E

 FF86AB

 970E47

 FFA2C6

 7A0031

 FFBFE2

 5D001C

 FFDBFF

 430002

 FFF9FF

 240001

 000000

 D24F77

 D24F77

 D23A68

 D26486

 D2255A

 D27994

 D2104B

 D28EA3

 D20040

 D2A3B1

 D2B8C0

 D2CDCF

 D2E2DD

 D2F7EC

 D2FFFA

Harmonies

Analogous

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



BD59A6



D24F77



CD5949

Triad

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



D24F77



5C8A29



008DD3

Complementary

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



D24F77



4FD2AA

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.



0093B3



D24F77



009154

Square

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



D24F77



8E7E0F



009485



0080DC

Rectangle

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



D24F77



BE662F



009485



008FCB

Sweetspot

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



D24F77



FFCFDD



A94FD2



80626B



000000



808080

Same Dimension

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



D24F77



FF407A



D2674F



695E61



A80033



29000C

Inverse Universe

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



D24F77



FF407A



4FBAD2



695E61



A80033



29000C

Previews

White Background



This preview shows how the Hex color D24F77 looks on a white background.

Color Contrast Check

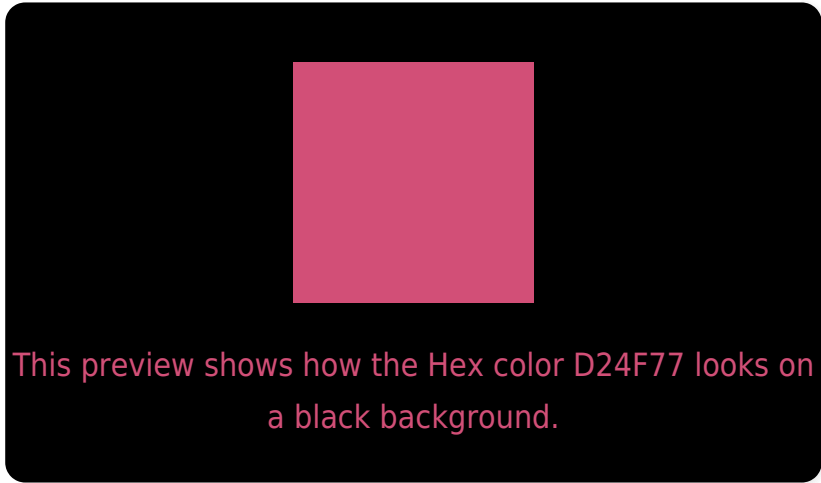
Large Text (above 18pt) WCAG AA ✓ Pass

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

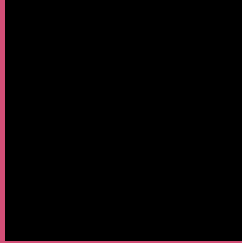
Any Text WCAG AA ✓ Pass

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 D24F77 Background



This preview shows how black text looks on a background with the Hex color D24F77.



This preview shows how white text looks on a background with the Hex color D24F77.

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
D0555A

Trichromacy



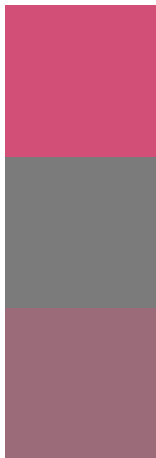
Original Color
D24F77

Protanomaly
9A6C88

Deuteranomaly
A76A73

Tritanomaly
D15365

Monochromacy



Original Color
D24F77

Achromatopsia
7B7B7B

Achromatomaly
9B6B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex D24F77 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 #D24F77 looks like.

```
.text, #text, p{  
  color:#D24F77  
}
```

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 #D24F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24F77
}
```

Border

The CSS property to change the border of an element to Hex D24F77 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
#D24F77 }
```

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

```
.border{ border-color:#D24F77 }
```

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

Here you see how a box with a 4 pixel #D24F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24F77; -webkit-box-shadow:4px 4px  
4px 4px #D24F77; box-shadow:4px 4px 4px  
4px #D24F77 }
```

Background

The CSS property to change the background color of an element to Hex D24F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24F77 }
```

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

```
.background{ background-color:#D24F77 }
```

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