

Converting Colors

Hex(D52974)

Have a look what the booklet for
Hex(D52974) contains.

Hex(D52974)	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(D52974)

Conversions

Conversions Part 1

Format	Color
Hex	D52974
RGB	213, 41, 116
RGB Percent	84%, 16%, 45%
CMY	0.1647, 0.8392, 0.5451
CMYK	0.00, 0.81, 0.46, 0.16
HSL	334°, 68%, 50%
HSV	334°, 81%, 84%
XYZ	31.3859, 16.9930, 18.1487
YIQ	100.9780, 78.4370, 59.7890

Conversions

Conversions Part 2

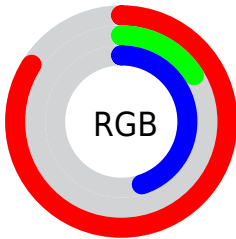
Format	Color
R_{YB}	213, 41, 116
Decimal	13969780
CIE _{Lab}	48.25, 68.65, 0.71
CIE _{LCh}	48, 68.655, 0.593
Yxy	16.9930, 0.4718, 0.2554
Android (android.graphics.Color)	4292159860 (0xFFD52974)
YUV	100.9780, 7.4058, 98.2433
Hunter-Lab	41.2225, 63.7664, 2.7526

Details

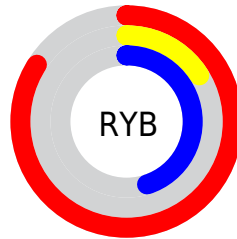
The Hex color **D52974** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **29D58A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF69A8**, and **980044** is the 20% darker color. If you saturate the color by 10%, you get **D51468**, and if you desaturate by 10%, it is **D53E80**.

Distribution



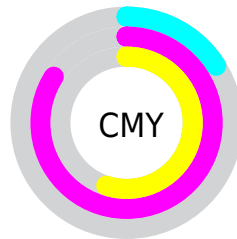
- Red (84%)
- Green (16%)
- Blue (45%)



- Red (84%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (81%)
- Yellow (46%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D52974 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 D52974 by changing the saturation by 10% instead.

 D52974

 D52974

FFFFFF

 B6005C

 FF69A8

 980044

 FF87C3

 7A002E

 FFA4DF

 5D001A

 FFC1FB

 420003

 FFDFFF

 200001

 FFFDFF

 000000

 D52974

 D52974

 D51468

 D53E80

 D5005D

 D5548C

 D56998

 D57EA4

 D593B0

 D5A9BC

 D5BEC8

 D5D3D4

 D5E9E0

Harmonies

Analogous

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



B742AD



D52974



D23A3B

Triad

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



D52974



4F8000



0087D8

Complementary

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



D52974



29D58A

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.



008BAC



D52974



008835

Square

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



D52974



8A7100



008B72



007AE8

Rectangle

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



D52974



C24F14



008B72



0089CC

Sweetspot

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



D52974



FFC2DC



8829D5



805B6B



000000



808080

Same Dimension

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



D52974



FF0874



D53229



6B6065



AB004A



2B0013

Inverse Universe

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



D52974



FF0874



29CCD5



6B6065



AB004A



2B0013

Previews

White Background



This preview shows how the Hex color D52974 looks on a white background.

Color Contrast Check

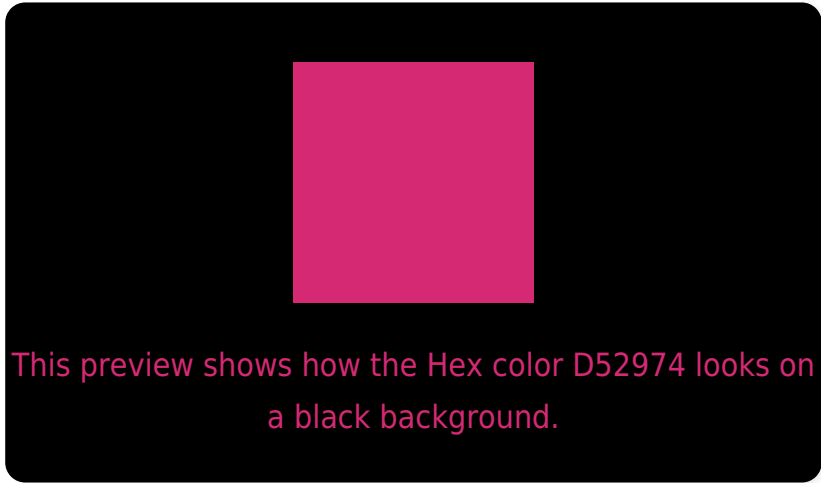
Large Text (above 18pt) WCAG AA ✓ Pass

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 D52974 Background



This preview shows how black text looks on a background with the Hex color D52974.



This preview shows how white text looks on a background with the Hex color D52974.

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
D52974



Protanomaly
8E578F



Deuteranomaly
A0566F



Tritanomaly
D33450

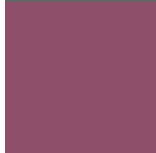
Monochromacy



Original Color
D52974



Achromatopsia
656565



Achromatomaly
8E4F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex D52974 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 #D52974 looks like.

```
.text, #text, p{  
    color:#D52974  
}
```

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 #D52974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52974
}
```

Border

The CSS property to change the border of an element to Hex D52974 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
#D52974 }
```

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

```
.border{ border-color:#D52974 }
```

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

Here you see how a box with a 4 pixel #D52974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52974; -webkit-box-shadow:4px 4px  
4px 4px #D52974; box-shadow:4px 4px 4px  
4px #D52974 }
```

Background

The CSS property to change the background color of an element to Hex D52974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52974 }
```

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

```
.background{ background-color:#D52974 }
```

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