

Converting Colors

Hex(DE52C3)

Have a look what the booklet for
Hex(DE52C3) contains.

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Color

Hex(**DE52C3**)

Conversions

Conversions Part 1

Format	Color
Hex	DE52C3
RGB	222, 82, 195
RGB Percent	87%, 32%, 76%
CMY	0.1294, 0.6784, 0.2353
CMYK	0.00, 0.63, 0.12, 0.13
HSL	312°, 68%, 60%
HSV	312°, 63%, 87%
XYZ	42.9918, 25.5043, 54.2867
YIQ	136.7420, 47.1670, 64.8230

Conversions

Conversions Part 2

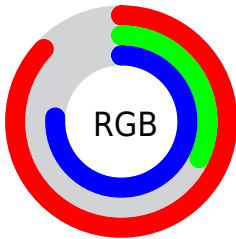
Format	Color
R _Y B	222, 82, 195
Decimal	14570179
CIE _{Lab}	57.56, 66.73, -31.76
CIE _{LCh}	58, 73.899, 334.550
Y _{xy}	25.5043, 0.3501, 0.2077
Android (android.graphics.Color)	4292760259 (0xFFDE52C3)
YUV	136.7420, 28.7212, 74.7713
Hunter-Lab	50.5018, 63.5776, -28.3822

Details

The Hex color **DE52C3** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **52DE6D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8BFC**, and **A3048D** is the 20% darker color. If you saturate the color by 10%, you get **DE3CBF**, and if you desaturate by 10%, it is **DE68C7**.

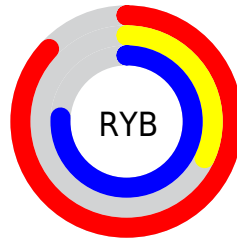
Distribution



Red (87%)

Green (32%)

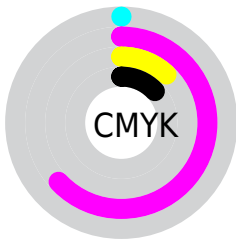
Blue (76%)



Red (87%)

Yellow (32%)

Blue (76%)

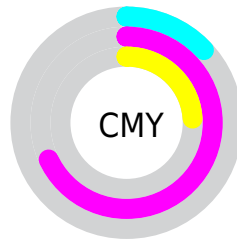


Cyan (0%)

Magenta (63%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (68%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE52C3 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 DE52C3 by changing the saturation by 10% instead.

 DE52C3

 DE52C3

FFFFFF

 C033A8

 FF8BFC

 A3048D

 FFA8FF

 870073

 FFC5FF

 6B005A

 FFE2FF

 4F0042

 36002C

 140016

 000000

 DE52C3

 DE52C3

 DE3CBF

 DE68C7

 DE26BA

 DE7ECC

 DE0FB6

 DE95D0

 DE00B3

 DEABD4

 DEC1D8

 DED7DD

 DEEDE1

 DEFFE5

 DEFFEA

Harmonies

Analogous

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



9574F6



DE52C3



FA3E83

Triad

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



DE52C3



9E8B00



00A6D2

Complementary

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



DE52C3



52DE6D

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.



00A793



DE52C3



5A9B00

Square

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



DE52C3



D17200



00A34F



009FFF

Rectangle

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



DE52C3



F94859



00A34F



00A7BE

Sweetspot

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



DE52C3



FFCFF6



6C52DE



80627A



000000



808080

Same Dimension

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



DE52C3



FF3DDA



DE527E



70656E



B0008E



300027

Inverse Universe

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



DE52C3



FF3DDA



52DEB2



70656E



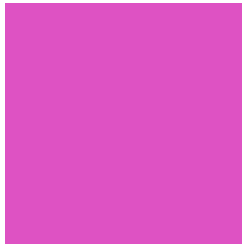
B0008E



300027

Previews

White Background



This preview shows how the Hex color DE52C3 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 DE52C3 Background



This preview shows how black text looks on a background with the Hex color DE52C3.

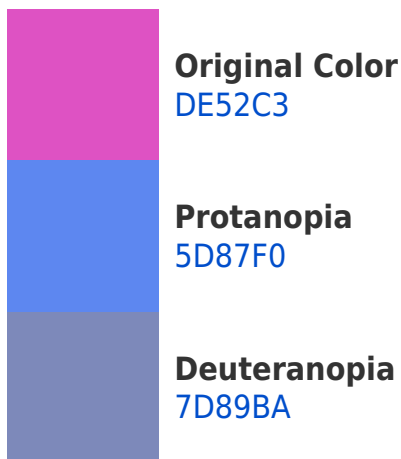


This preview shows how white text looks on a background with the Hex color DE52C3.

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](#).

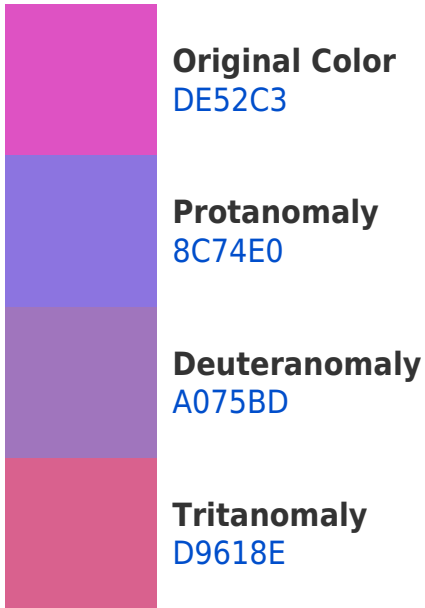
Dichromacy





Tritanopia
D66970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE52C3 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 #DE52C3 looks like.

```
.text, #text, p{  
    color:#DE52C3  
}
```

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 #DE52C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE52C3
}
```

Border

The CSS property to change the border of an element to Hex DE52C3 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
#DE52C3 }
```

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

```
.border{ border-color:#DE52C3 }
```

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

Here you see how a box with a 4 pixel #DE52C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE52C3; -webkit-box-shadow:4px 4px  
4px 4px #DE52C3; box-shadow:4px 4px 4px  
4px #DE52C3 }
```

Background

The CSS property to change the background color of an element to Hex DE52C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE52C3 }
```

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

```
.background{ background-color:#DE52C3 }
```

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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