

Converting Colors

Hex(D53AE2)

Have a look what the booklet for
Hex(D53AE2) contains.

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Color

Hex(D53AE2)

Conversions

Conversions Part 1

Format	Color
Hex	D53AE2
RGB	213, 58, 226
RGB Percent	84%, 23%, 89%
CMY	0.1647, 0.7725, 0.1137
CMYK	0.06, 0.74, 0.00, 0.11
HSL	295°, 74%, 56%
HSV	295°, 74%, 89%
XYZ	42.6811, 22.6632, 74.0764
YIQ	123.4970, 38.4520, 85.1080

Conversions

Conversions Part 2

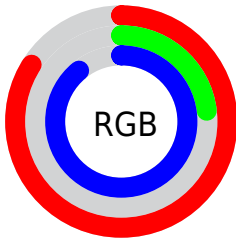
Format	Color
R _Y B	213, 58, 226
Decimal	13974242
CIE Lab	54.72, 78.04, -53.96
CIE LCh	55, 94.882, 325.337
Yxy	22.6632, 0.3061, 0.1626
Android (android.graphics.Color)	4292164322 (0xFFD53AE2)
YUV	123.4970, 50.5340, 78.4941
Hunter-Lab	47.6059, 76.7239, -58.9331

Details

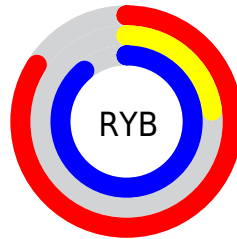
The Hex color **D53AE2** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **47E23A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF78FF**, and **9A00AA** is the 20% darker color. If you saturate the color by 10%, you get **D323E2**, and if you desaturate by 10%, it is **D751E2**.

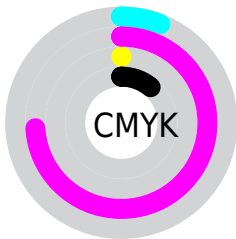
Distribution



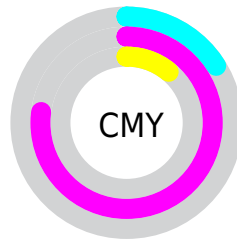
- Red (84%)
- Green (23%)
- Blue (89%)



- Red (84%)
- Yellow (23%)
- Blue (89%)



- Cyan (6%)
- Magenta (74%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (77%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D53AE2 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 D53AE2 by changing the saturation by 10% instead.

 D53AE2

 D53AE2

FFFFFF

 B709C6

 FF78FF

 9A00AA

 FF96FF

 7D008F

 FFB3FF

 600074

 FFD1FF

 44005B

 FFEFFF

 280043

 00002B

 000115

 000000

 D53AE2

 D53AE2

 D323E2

 D751E2

 D20DE2

 D867E2

 D100E2

 DA7EE2

 DC94E2

 DEABE2

 DFC2E2

 E1D8E2

 E3EFE2

 E5FFE2

Harmonies

Analogous

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



4573FF



D53AE2



FF0094

Triad

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



D53AE2



AA7C00



00A4C8

Complementary

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



D53AE2



47E23A

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.



00A373



D53AE2



5A9200

Square

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



D53AE2



E55200



009E0D



00A0FF

Rectangle

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



D53AE2



FF005E



009E0D



00A4AC

Sweetspot

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



D53AE2



FBC7FF



3A48E2



7D5E80



000000



808080

Same Dimension

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



D53AE2



ED1CFF



E23A9C



6F6570



A200B0



2D0030

Inverse Universe

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



E23A47



FF1C2E



3AE280



706566



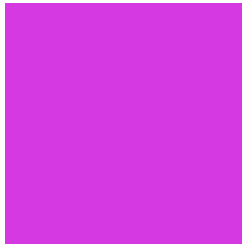
B0000E



300004

Previews

White Background



This preview shows how the Hex color D53AE2 looks on a white background.

Color Contrast Check

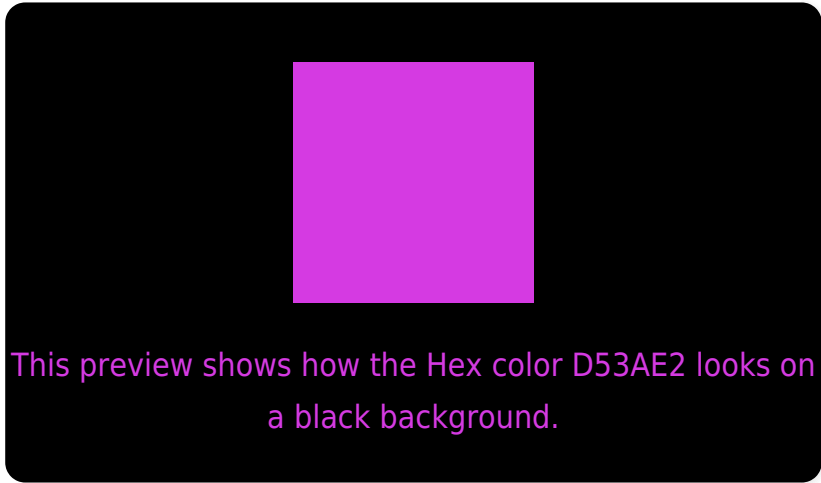
Large Text (above 18pt) WCAG AA ✓ Pass

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

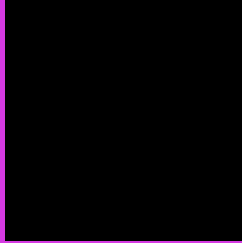
Any Text WCAG AA ✓ Pass

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 D53AE2 Background



This preview shows how black text looks on a background with the Hex color D53AE2.

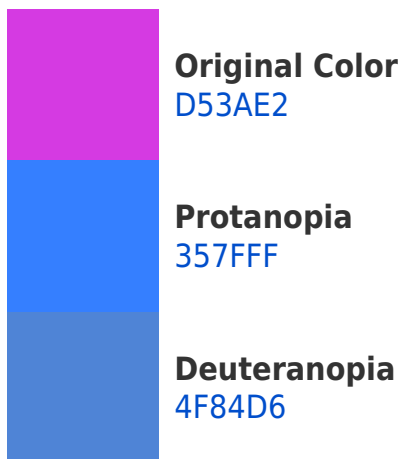



This preview shows how white text looks on a background with the Hex color D53AE2.

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
C7656C

Trichromacy



Original Color
D53AE2



Protanomaly
6F66F4



Deuteranomaly
8069DA



Tritanomaly
CC5597

Monochromacy



Original Color
D53AE2



Achromatopsia
7B7B7B



Achromatomaly
9C63A0

CSS Examples

Text

The CSS property to change the color of the text to Hex D53AE2 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 #D53AE2 looks like.

```
.text, #text, p{  
    color:#D53AE2  
}
```

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 #D53AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D53AE2
}
```

Border

The CSS property to change the border of an element to Hex D53AE2 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
#D53AE2 }
```

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

```
.border{ border-color:#D53AE2 }
```

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

Here you see how a box with a 4 pixel #D53AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D53AE2; -webkit-box-shadow:4px 4px  
4px 4px #D53AE2; box-shadow:4px 4px 4px  
4px #D53AE2 }
```

Background

The CSS property to change the background color of an element to Hex D53AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D53AE2 }
```

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

```
.background{ background-color:#D53AE2 }
```

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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