

Converting Colors

Hex(DA55E2)

Have a look what the booklet for
Hex(DA55E2) contains.

Hex(DA55E2)	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(DA55E2)

Conversions

Conversions Part 1

Format	Color
Hex	DA55E2
RGB	218, 85, 226
RGB Percent	85%, 33%, 89%
CMY	0.1451, 0.6667, 0.1137
CMYK	0.04, 0.62, 0.00, 0.11
HSL	297°, 71%, 61%
HSV	297°, 62%, 89%
XYZ	45.8894, 26.8934, 74.7238
YIQ	140.8410, 34.0070, 72.0470

Conversions

Conversions Part 2

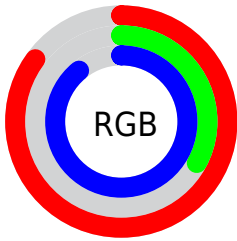
Format	Color
R _{YB}	218, 85, 226
Decimal	14308834
CIE _{Lab}	58.88, 69.51, -47.32
CIE _{LCh}	59, 84.086, 325.756
Y _{xy}	26.8934, 0.3111, 0.1823
Android (android.graphics.Color)	4292498914 (0xFFDA55E2)
YUV	140.8410, 41.9834, 67.6684
Hunter-Lab	51.8589, 67.1999, -49.1302

Details

The Hex color **DA55E2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5DE255**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF8EFF**, and **A00CAA** is the 20% darker color. If you saturate the color by 10%, you get **D93EE2**, and if you desaturate by 10%, it is **DB6CE2**.

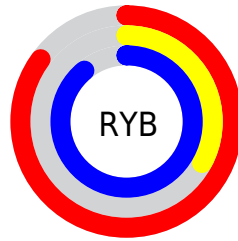
Distribution



Red (85%)

Green (33%)

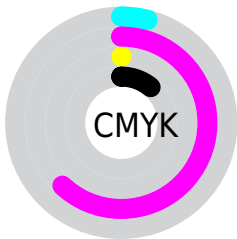
Blue (89%)



Red (85%)

Yellow (33%)

Blue (89%)

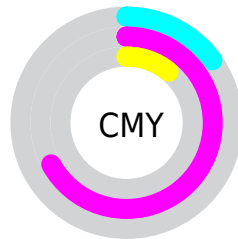


Cyan (4%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (67%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA55E2 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 DA55E2 by changing the saturation by 10% instead.

 DA55E2

 DA55E2

FFFFFF

 BD36C6

 FF8EFF

 A00CAA

 FFABFF

 83008F

 FFC8FF

 670075

 FFE6FF

 4B005C

 320043

 10002C

 000116

 000000

 DA55E2

 DA55E2

 D93EE2

 DB6CE2

 D728E2

 DD82E2

 D611E2

 DE99E2

 D500E2

 DFAFE2

 E0C6E2

 E2DDE2

 E3F3E2

 E4FFE2

 E6FFE2

Harmonies

Analogous

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



6B7FFF



DA55E2



FF2A9B

Triad

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



DA55E2



B48700



00ADCC

Complementary

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



DA55E2



5DE255

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.



00AC81



DA55E2



6D9C00

Square

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



DA55E2



EA6600



00A731



00A9FF

Rectangle

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



DA55E2



FF2D6B



00A731



00ADB4

Sweetspot

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



DA55E2



FCCFFF



555EE2



7E6280



000000



808080

Same Dimension

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



DA55E2



F440FF



E255A5



706570



A600B0



2E0030

Inverse Universe

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



E2555D



FF404B



55E292



706566



B0000A



300003

Previews

White Background



This preview shows how the Hex color DA55E2 looks on a white background.

Color Contrast Check

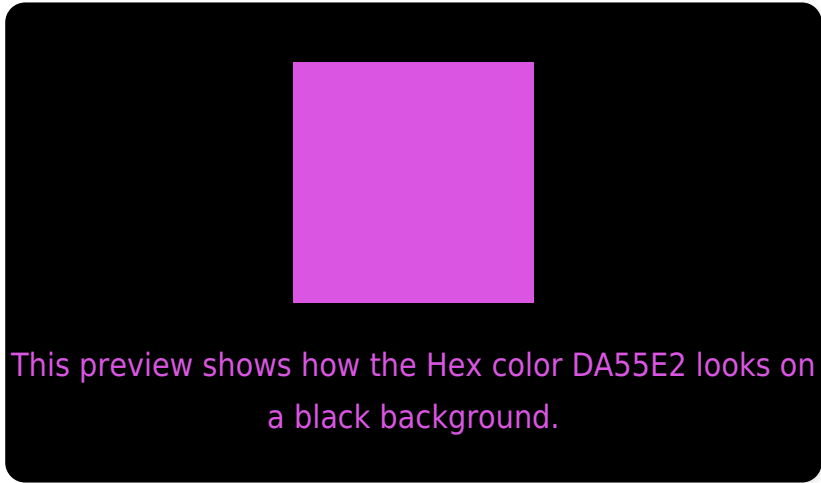
Large Text (above 18pt) WCAG AA ✓ Pass

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

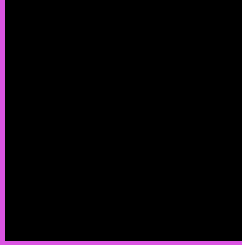
Any Text WCAG AA ✓ Pass

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 DA55E2 Background



This preview shows how black text looks on a background with the Hex color DA55E2.

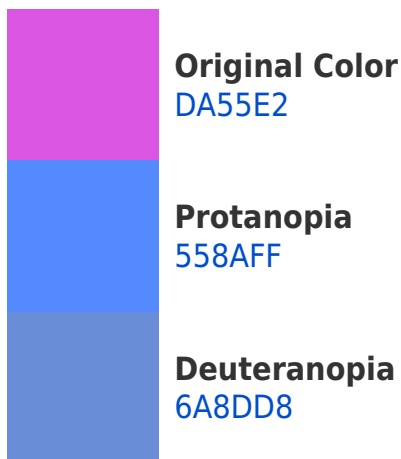


This preview shows how white text looks on a background with the Hex color DA55E2.

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
CD737B

Trichromacy



Original Color
DA55E2



Protanomaly
8577F4



Deuteranomaly
9379DC



Tritanomaly
D268A0

Monochromacy



Original Color
DA55E2



Achromatopsia
8D8D8D



Achromatomaly
A979AC

CSS Examples

Text

The CSS property to change the color of the text to Hex DA55E2 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 #DA55E2 looks like.

```
.text, #text, p{  
    color:#DA55E2  
}
```

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 #DA55E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA55E2
}
```

Border

The CSS property to change the border of an element to Hex DA55E2 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
#DA55E2 }
```

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

```
.border{ border-color:#DA55E2 }
```

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

Here you see how a box with a 4 pixel #DA55E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA55E2; -webkit-box-shadow:4px 4px  
4px 4px #DA55E2; box-shadow:4px 4px 4px  
4px #DA55E2 }
```

Background

The CSS property to change the background color of an element to Hex DA55E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA55E2 }
```

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

```
.background{ background-color:#DA55E2 }
```

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