

# Converting Colors

Hex(D55AE4)

Have a look what the booklet for  
Hex(D55AE4) contains.

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**Color**

**Hex(D55AE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D55AE4
RGB	213, 90, 228
RGB Percent	84%, 35%, 89%
CMY	0.1647, 0.6471, 0.1059
CMYK	0.07, 0.61, 0.00, 0.11
HSL	293°, 72%, 62%
HSV	293°, 61%, 89%
XYZ	45.1003, 27.0599, 76.2448
YIQ	142.5090, 29.0100, 68.9940

# Conversions

## Conversions Part 2

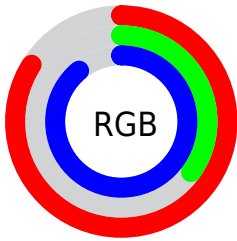
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 90, 228
Decimal	13982436
CIE Lab	59.03, 66.58, -48.24
CIE LCh	59, 82.222, 324.076
Yxy	27.0599, 0.3039, 0.1823
Android (android.graphics.Color)	4292172516 (0xFFD55AE4)
YUV	142.5090, 42.1471, 61.8206
Hunter-Lab	52.0191, 63.7251, -50.4884

# Details

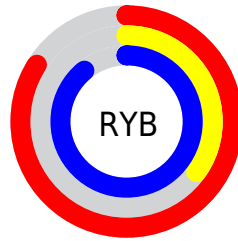
The Hex color **D55AE4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **69E45A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF93FF**, and **9B1AAC** is the 20% darker color. If you saturate the color by 10%, you get **D343E4**, and if you desaturate by 10%, it is **D771E4**.

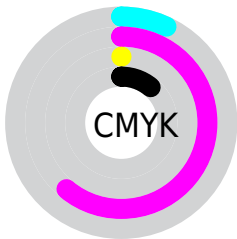
# Distribution



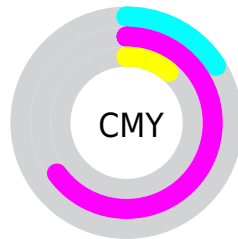
- Red (84%)
- Green (35%)
- Blue (89%)



- Red (84%)
- Yellow (35%)
- Blue (89%)



- Cyan (7%)
- Magenta (61%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (65%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D55AE4 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 D55AE4 by changing the saturation by 10% instead.



 D55AE4

 D55AE4

FFFFFF

 B83DC8

 FF93FF

 9B1AAC

 FFAFFF

 7F0091

 FFCCFF

 630077

 FFE9FF

 47005D

 2F0045

 09002E

 000118

 000000

 D55AE4

 D55AE4

 D343E4

 D771E4

 D02CE4

 DA88E4

 CE16E4

 DC9EE4

 CB00E4

 DFB5E4

 E1CCE4

 E4E3E4

 E6FAE4

 E9FFE4

 EBFFE4

# Harmonies

## Analogous

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



6381FF



D55AE4



FF32A0

# Triad

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



D55AE4



B88600



00ADC7

# Complementary

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



D55AE4



69E45A

# 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.



00AC7D



D55AE4



749B00

# Square

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



D55AE4



EB6507



00A72F



00A9FF

# Rectangle

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



D55AE4



FF3270



00A72F



00ADAF



# Sweetspot

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



D55AE4



FAD1FF



5A6AE4



7C6380



000000



808080



# Same Dimension

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



D55AE4



EB45FF



E45AAF



726773



9F00B3



2D0033



# Inverse Universe

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



E45A69



FF4559



5AE48F



736769



B30013



330006



# Previews

## White Background



This preview shows how the Hex color D55AE4 looks on a white background.

## Color Contrast Check

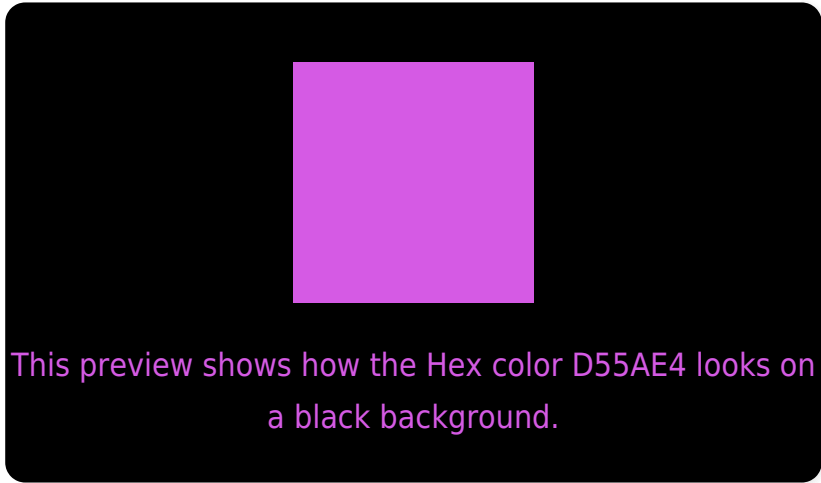
Large Text (above 18pt) WCAG AA ✓ Pass

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

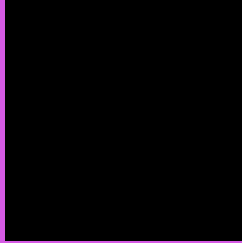
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D55AE4 Background



This preview shows how black text looks on a background with the Hex color D55AE4.

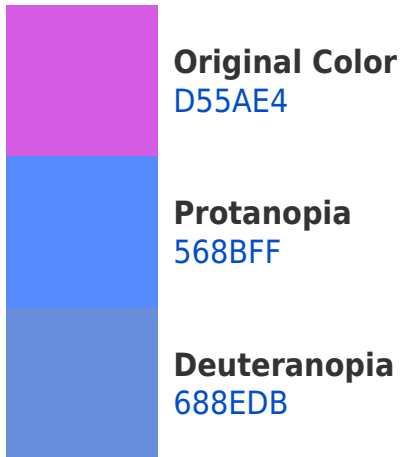


This preview shows how white text looks on a background with the Hex color D55AE4.

# 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](#).

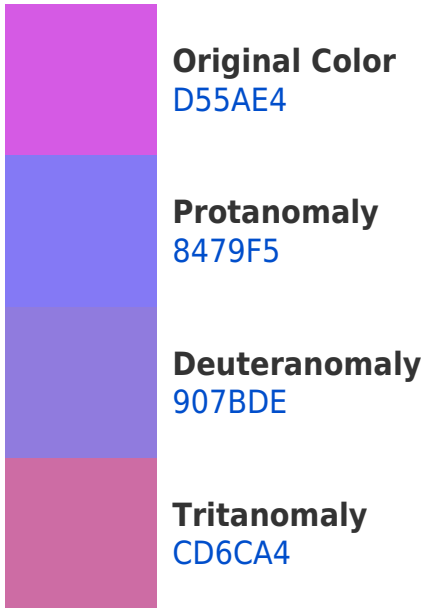
## Dichromacy



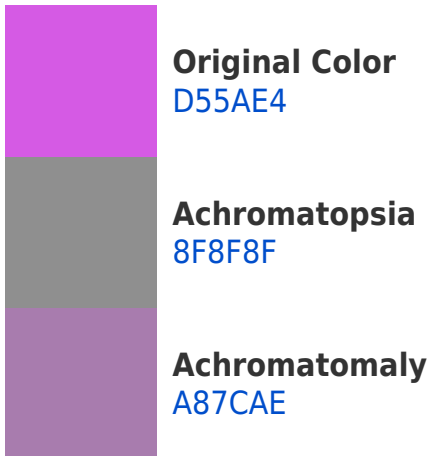


**Tritanopia**  
C8777F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D55AE4 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 #D55AE4 looks like.

```
.text, #text, p{  
    color:#D55AE4  
}
```

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 #D55AE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55AE4
}
```

## Border

The CSS property to change the border of an element to Hex D55AE4 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
#D55AE4 }
```

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

```
.border{ border-color:#D55AE4 }
```

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

Here you see how a box with a 4 pixel #D55AE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55AE4; -webkit-box-shadow:4px 4px  
4px 4px #D55AE4; box-shadow:4px 4px 4px  
4px #D55AE4 }
```

# Background

The CSS property to change the background color of an element to Hex D55AE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55AE4 }
```

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

```
.background{ background-color:#D55AE4 }
```

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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