

Converting Colors

Hex(D556AC)

Have a look what the booklet for
Hex(D556AC) contains.

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Color

Hex(D556AC)

Conversions

Conversions Part 1

Format	Color
Hex	D556AC
RGB	213, 86, 172
RGB Percent	84%, 34%, 67%
CMY	0.1647, 0.6627, 0.3255
CMYK	0.00, 0.60, 0.19, 0.16
HSL	319°, 60%, 59%
HSV	319°, 60%, 84%
XYZ	38.2148, 23.7803, 41.6056
YIQ	133.7770, 48.0860, 53.6700

Conversions

Conversions Part 2

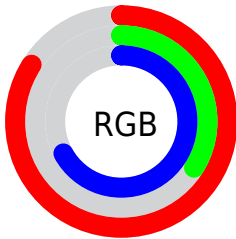
Format	Color
R _Y B	213, 86, 172
Decimal	13981356
CIE Lab	55.87, 59.26, -21.22
CIE LCh	56, 62.948, 340.297
Yxy	23.7803, 0.3689, 0.2295
Android (android.graphics.Color)	4292171436 (0xFFD556AC)
YUV	133.7770, 18.8439, 69.4786
Hunter-Lab	48.7650, 54.5429, -16.4499

Details

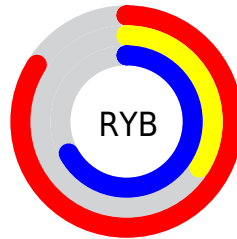
The Hex color **D556AC** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **56D57F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8EE4**, and **9B1778** is the 20% darker color. If you saturate the color by 10%, you get **D541A5**, and if you desaturate by 10%, it is **D56BB3**.

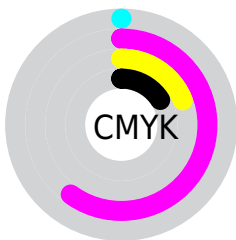
Distribution



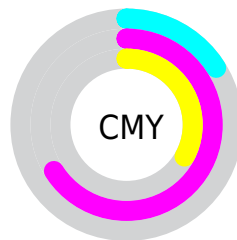
- Red (84%)
- Green (34%)
- Blue (67%)



- Red (84%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D556AC 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 D556AC by changing the saturation by 10% instead.

 D556AC

 D556AC

FFFFFF

 B83991

 FF8EE4

 9B1778

 FFAAFF

 7F005F

 FFC7FF

 630047

 FFE4FF

 480030

 2F001B

 000000

 D556AC

 D556AC

 D541A5

 D56BB3

 D52B9E

 D581BA

 D51697

 D596C1

 D50190

 D5ABC8

 D50090

 D5C1CE

 D5D6D5

 D5EBDC

 D5FFE3

 D5FFEA

Harmonies

Analogous

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



A06FDA



D556AC



E74E75

Triad

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



D556AC



8F8900



009DCC

Complementary

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



D556AC



56D57F

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.



009F98



D556AC



529629

Square

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



D556AC



BD7611



009D5F



0096ED

Rectangle

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



D556AC



E35752



009D5F



009FBC

Sweetspot

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



D556AC



FFD1F0



7E56D5



806376



000000



808080

Same Dimension

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



D556AC



FF47C4



D5566D



6B6068



AB0074



2B001D

Inverse Universe

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



D556AC



FF47C4



56D5BE



6B6068



AB0074



2B001D

Previews

White Background



This preview shows how the Hex color D556AC 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

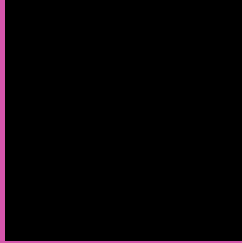
Any Text WCAG AA ✓ Pass

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 D556AC Background



This preview shows how black text looks on a background with the Hex color D556AC.



This preview shows how white text looks on a background with the Hex color D556AC.

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



Original Color
D556AC

Protanopia
6B84CF

Deuteranopia
8484A5

Trichromacy



Original Color
D556AC



Protanomaly
9273C2



Deuteranomaly
A173A8

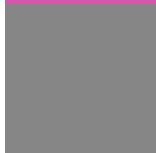


Tritanomaly
D16084

Monochromacy



Original Color
D556AC



Achromatopsia
868686



Achromatomaly
A37594

CSS Examples

Text

The CSS property to change the color of the text to Hex D556AC 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 #D556AC looks like.

```
.text, #text, p{  
    color:#D556AC  
}
```

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 #D556AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D556AC }
}
```

Border

The CSS property to change the border of an element to Hex D556AC 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 #D556AC }
}
```

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

```
.border{ border-color:#D556AC }
```

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

Here you see how a box with a 4 pixel #D556AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D556AC; -webkit-box-shadow:4px 4px  
4px 4px #D556AC; box-shadow:4px 4px 4px  
4px #D556AC }
```

Background

The CSS property to change the background color of an element to Hex D556AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D556AC }
```

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

```
.background{ background-color:#D556AC }
```

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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