

Converting Colors

Hex(D556DD)

Have a look what the booklet for
Hex(D556DD) contains.

Hex(D556DD)	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(D556DD)

Conversions

Conversions Part 1

Format	Color
Hex	D556DD
RGB	213, 86, 221
RGB Percent	84%, 34%, 87%
CMY	0.1647, 0.6627, 0.1333
CMYK	0.04, 0.61, 0.00, 0.13
HSL	296°, 67%, 60%
HSV	296°, 61%, 87%
XYZ	43.8195, 26.0222, 71.1199
YIQ	139.3630, 32.3570, 68.9090

Conversions

Conversions Part 2

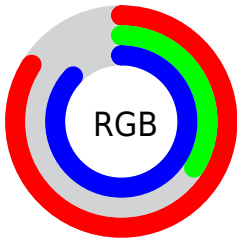
Format	Color
R_{YB}	213, 86, 221
Decimal	13981405
CIE _{Lab}	58.06, 67.04, -45.84
CIE _{LCh}	58, 81.219, 325.637
Yxy	26.0222, 0.3109, 0.1846
Android (android.graphics.Color)	4292171485 (0xFFD556DD)
YUV	139.3630, 40.2470, 64.5796
Hunter-Lab	51.0119, 64.0615, -46.9526

Details

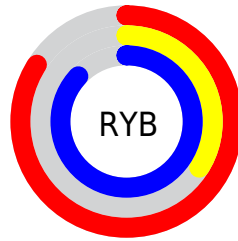
The Hex color **D556DD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5EDD56**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF8FFF**, and **9B12A5** is the 20% darker color. If you saturate the color by 10%, you get **D440DD**, and if you desaturate by 10%, it is **D66CDD**.

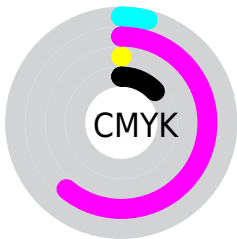
Distribution



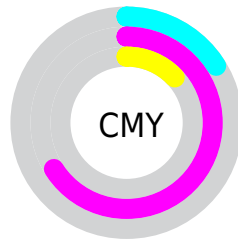
- Red (84%)
- Green (34%)
- Blue (87%)



- Red (84%)
- Yellow (34%)
- Blue (87%)



- Cyan (4%)
- Magenta (61%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (66%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D556DD 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 D556DD by changing the saturation by 10% instead.

 D556DD

 D556DD

FFFFFF

 B838C1

 FF8FFF

 9B12A5

 FFABFF

 7F008A


 FFC8FF

 630070

 FFE6FF

 470057

 2F003F

 080028

 000112

 000000

 D556DD

 D556DD

 D440DD

 D66CDD

 D22ADD

 D882DD

 D114DD

 D998DD

 D000DD

 DAAEDD

 DCC5DD

 DDD8DD

 DEF1DD

 DFFFDD

 E1FFDD

Harmonies

Analogous

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



6B7DFE



D556DD



FF3099

Triad

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



D556DD



B18500



00AAC7

Complementary

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



D556DD



5EDD56

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.



00A97F



D556DD



6D9900

Square

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



D556DD



E56500



00A433



00A6FF

Rectangle

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



D556DD



FF326A



00A433



00AAB0

Sweetspot

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



D556DD



FCD1FF



565FDD



7E6380



000000



808080

Same Dimension

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



D556DD



F445FF



DD56A2



6D636E



A300AD



2B002E

Inverse Universe

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



DD565E



FF4550



56DD91



6E6363



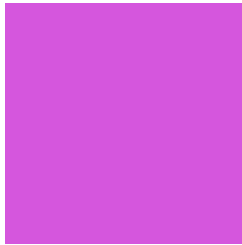
AD000A



2E0003

Previews

White Background



This preview shows how the Hex color D556DD 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

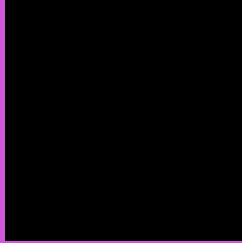
Any Text WCAG AA ✓ Pass

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 D556DD Background



This preview shows how black text looks on a background with the Hex color D556DD.

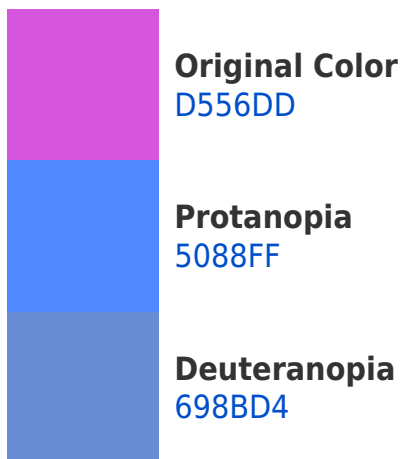


This preview shows how white text looks on a background with the Hex color D556DD.

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](#).

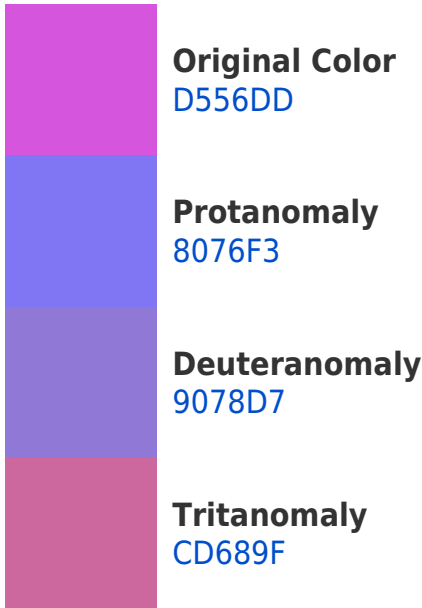
Dichromacy



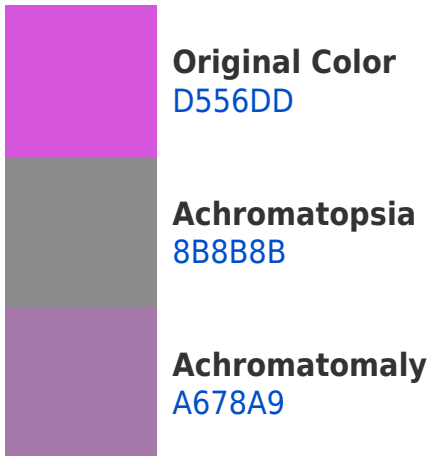


Tritanopia
C9727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D556DD 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 #D556DD looks like.

```
.text, #text, p{  
    color:#D556DD  
}
```

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 #D556DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D556DD
}
```

Border

The CSS property to change the border of an element to Hex D556DD 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
#D556DD }
```

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

```
.border{ border-color:#D556DD }
```

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

Here you see how a box with a 4 pixel #D556DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D556DD; -webkit-box-shadow:4px 4px  
4px 4px #D556DD; box-shadow:4px 4px 4px  
4px #D556DD }
```

Background

The CSS property to change the background color of an element to Hex D556DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D556DD }
```

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

```
.background{ background-color:#D556DD }
```

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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