

Converting Colors

Hex(F356DB)

Have a look what the booklet for
Hex(F356DB) contains.

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Color

Hex(F356DB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F356DB |
| RGB | 243, 86, 219 |
| RGB Percent | 95%, 34%, 86% |
| CMY | 0.0471, 0.6627, 0.1412 |
| CMYK | 0.00, 0.65, 0.10, 0.05 |
| HSL | 309°, 87%, 65% |
| HSV | 309°, 65%, 95% |
| XYZ | 53.0761, 30.8247, 70.1702 |
| YIQ | 148.1050, 50.8790, 74.6470 |

Conversions

Conversions Part 2

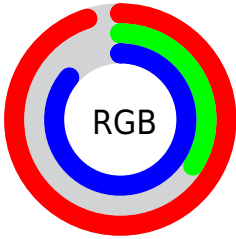
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 86, 219 |
| Decimal | 15947483 |
| CIE Lab | 62.36, 73.98, -37.65 |
| CIE LCh | 62, 83.014, 333.028 |
| Yxy | 30.8247, 0.3445, 0.2001 |
| Android (android.graphics.Color) | 4294137563 (0xFFFF356DB) |
| YUV | 148.1050, 34.9512, 83.2229 |
| Hunter-Lab | 55.5200, 73.4826, -36.0709 |

Details

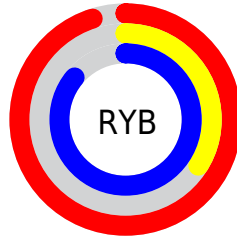
The Hex color **F356DB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **56F36E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF91FF**, and **B700A4** is the 20% darker color. If you saturate the color by 10%, you get **F33ED7**, and if you desaturate by 10%, it is **F36EDF**.

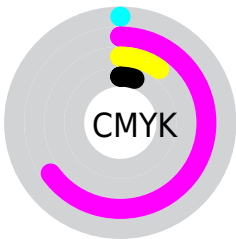
Distribution



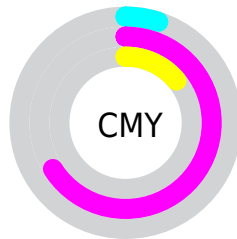
- Red (95%)
- Green (34%)
- Blue (86%)



- Red (95%)
- Yellow (34%)
- Blue (86%)



- Cyan (0%)
- Magenta (65%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (66%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color F356DB 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 F356DB by changing the saturation by 10% instead.

 F356DB

 F356DB

FFFFFF

 D535BF

 FF91FF

 B700A4

 FFAFFF

 9A0089

 FFCCFF

 7D006F

 FFEAFF

 610056

 46003E

 2A0028

 000110

 000000

 F356DB

 F356DB

 F33ED7

 F36EDF

 F325D4

 F387E2

 F30DD0

 F39FE6

 F300CE

 F3B7EA

 F3CFEE

 F3E8F1

 F3FFF5

 F3FFF9

 F3FFFC

Harmonies

Analogous

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



9B7FFF



F356DB



FF3A93

Triad

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



F356DB



AF9600



00B6E6

Complementary

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



F356DB



56F36E

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.



00B79C



F356DB



63A900

Square

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



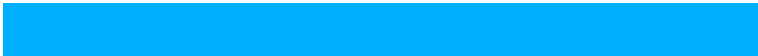
F356DB



E97900



00B34F



00AFFF

Rectangle

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



F356DB



FF4662



00B34F



00B7CF

Sweetspot

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



F356DB



FFCFF8



6E56F3



80627B



000000



808080

Same Dimension

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



F356DB



FF38E1



F3568D



7A6E79



BA009E



3B0032

Inverse Universe

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



F356DB



FF38E1



56F3BC



7A6E79



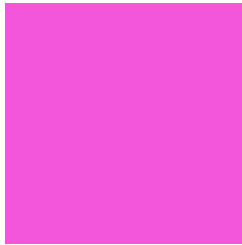
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color F356DB looks on a white background.

Color Contrast Check

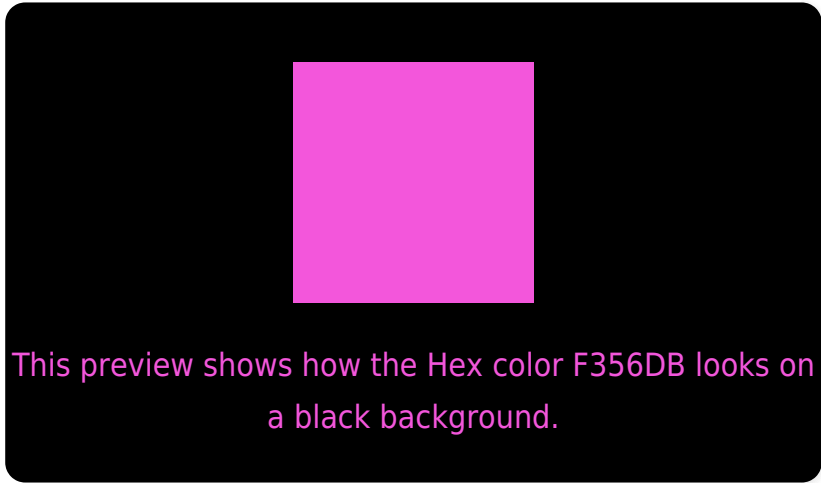
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex F356DB Background



This preview shows how black text looks on a background with the Hex color F356DB.

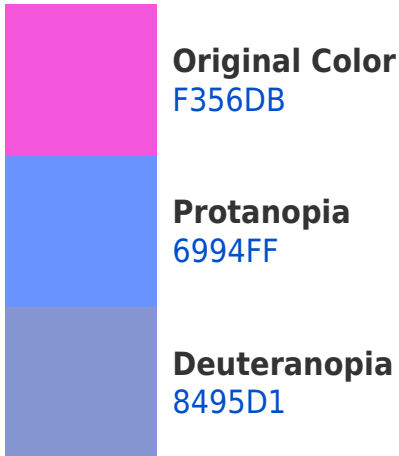


This preview shows how white text looks on a background with the Hex color F356DB.

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
E9727A

Trichromacy



Original Color
F356DB



Protanomaly
9B7DF2



Deuteranomaly
AC7ED5



Tritanomaly
ED689D

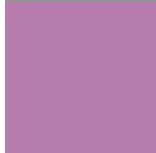
Monochromacy



Original Color
F356DB



Achromatopsia
949494



Achromatomaly
B77DAE

CSS Examples

Text

The CSS property to change the color of the text to Hex F356DB 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 #F356DB looks like.

```
.text, #text, p{  
    color:#F356DB  
}
```

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 #F356DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F356DB
}
```

Border

The CSS property to change the border of an element to Hex F356DB 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
#F356DB }
```

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

```
.border{ border-color:#F356DB }
```

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

Here you see how a box with a 4 pixel #F356DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F356DB; -webkit-box-shadow:4px 4px  
4px 4px #F356DB; box-shadow:4px 4px 4px  
4px #F356DB }
```

Background

The CSS property to change the background color of an element to Hex F356DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F356DB }
```

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

```
.background{ background-color:#F356DB }
```

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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