

Converting Colors

Hex(8356DE)

Have a look what the booklet for
Hex(8356DE) contains.

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Color

Hex(8356DE)

Conversions

Conversions Part 1

Format	Color
Hex	8356DE
RGB	131, 86, 222
RGB Percent	51%, 34%, 87%
CMY	0.4863, 0.6627, 0.1294
CMYK	0.41, 0.61, 0.00, 0.13
HSL	260°, 67%, 60%
HSV	260°, 61%, 87%
XYZ	25.8727, 16.7548, 70.9776
YIQ	114.9590, -16.8360, 51.8360

Conversions

Conversions Part 2

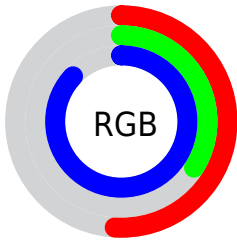
Format	Color
R_{YB}	131, 86, 222
Decimal	8607454
CIE _{Lab}	47.95, 48.40, -63.16
CIE _{LCh}	48, 79.569, 307.465
Yxy	16.7548, 0.2277, 0.1475
Android (android.graphics.Color)	4286797534 (0xFF8356DE)
YUV	114.9590, 52.7712, 14.0680
Hunter-Lab	40.9326, 41.1941, -74.1566

Details

The Hex color **8356DE** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **B1DE56**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BD8AFF**, and **4924A6** is the 20% darker color. If you saturate the color by 10%, you get **7440DE**, and if you desaturate by 10%, it is **926CDE**.

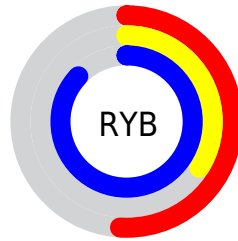
Distribution



Red (51%)

Green (34%)

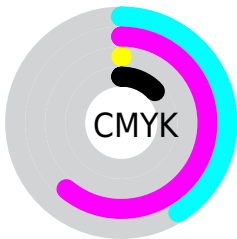
Blue (87%)



Red (51%)

Yellow (34%)

Blue (87%)

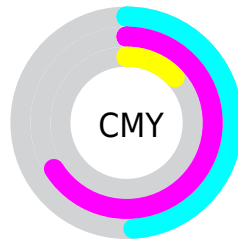


Cyan (41%)

Magenta (61%)

Yellow (0%)

Black (13%)



Cyan (49%)

Magenta (66%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8356DE 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 8356DE by changing the saturation by 10% instead.

 8356DE

 8356DE

FFFFFF

 663DC2

 BD8AFF

 4924A6

 DBA5FF

 28098B

 F8C0FF

 000071

 FFDDFF

 000057

 FFF9FF

 00063F

 000328

 000112

 000000

8356DE

8356DE

7440DE

926CDE

652ADE

A182DE

5613DE

B099DE

4900DE

BEAFDE

CDC5DE

DCDBDE

EBF1DE

FAFFDE

FFFFDE

Harmonies

Analogous

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



0076F9



8356DE



CC23A7

Triad

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



8356DE



B25A00



008D81

Complementary

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



8356DE



B1DE56

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.



008B3A



8356DE



7C7500

Square

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



8356DE



D83022



2B8300



008DC3

Rectangle

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



8356DE



E0007B



2B8300



008D6A

Sweetspot

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



8356DE



E0D1FF



56B3DE



6D6380



000000



808080

Same Dimension

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



8356DE



8142FF



C556DE



696570



3A00B0



100030

Inverse Universe

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



DE56B1



FF42C1



6FDE56



70656C



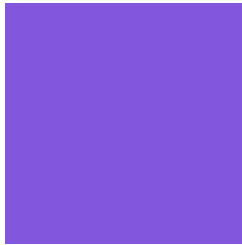
B00076



300020

Previews

White Background



This preview shows how the Hex color 8356DE looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

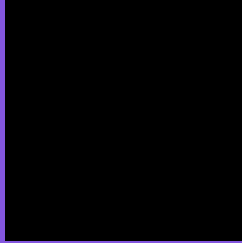
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8356DE Background



This preview shows how black text looks on a background with the Hex color 8356DE.



This preview shows how white text looks on a background with the Hex color 8356DE.

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



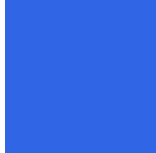


Tritanopia
6C727B

Trichromacy



Original Color
8356DE



Protanomaly
3065E5



Deuteranomaly
3069D2



Tritanomaly
74689F

Monochromacy



Original Color
8356DE



Achromatopsia
737373



Achromatomaly
79689A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8356DE 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 #8356DE looks like.

```
.text, #text, p{  
  color:#8356DE  
}
```

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 #8356DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8356DE
}
```

Border

The CSS property to change the border of an element to Hex 8356DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

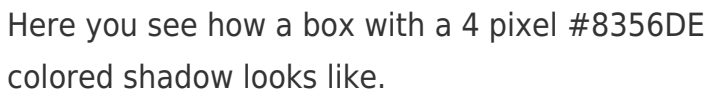
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8356DE }
```

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

```
.border{ border-color:#8356DE }
```

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



Here you see how a box with a 4 pixel #8356DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8356DE; -webkit-box-shadow:4px 4px  
4px 4px #8356DE; box-shadow:4px 4px 4px  
4px #8356DE }
```

Background

The CSS property to change the background color of an element to Hex 8356DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8356DE }
```

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

```
.background{ background-color:#8356DE }
```

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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