

Converting Colors

Hex(8438D5)

Have a look what the booklet for
Hex(8438D5) contains.

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Color

Hex(8438D5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8438D5 |
| RGB | 132, 56, 213 |
| RGB Percent | 52%, 22%, 84% |
| CMY | 0.4824, 0.7804, 0.1647 |
| CMYK | 0.38, 0.74, 0.00, 0.16 |
| HSL | 269°, 65%, 53% |
| HSV | 269°, 74%, 84% |
| XYZ | 22.9401, 12.5380, 64.1618 |
| YIQ | 96.6220, -5.1010, 64.9390 |

Conversions

Conversions Part 2

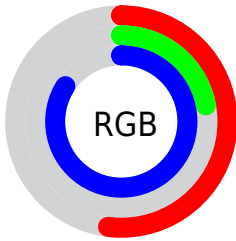
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 132, 56, 213 |
| Decimal | 8665301 |
| CIE _{Lab} | 42.06, 61.05, -67.57 |
| CIE _{LCh} | 42, 91.071, 312.098 |
| Yxy | 12.5380, 0.2302, 0.1258 |
| Android (android.graphics.Color) | 4286855381 (0xFF8438D5) |
| YUV | 96.6220, 57.3744, 31.0265 |
| Hunter-Lab | 35.4090, 53.6775, -82.6483 |

Details

The Hex color **8438D5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **89D538**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BF6EFF**, and **49009D** is the 20% darker color. If you saturate the color by 10%, you get **7923D5**, and if you desaturate by 10%, it is **8F4DD5**.

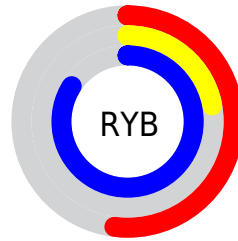
Distribution



Red (52%)

Green (22%)

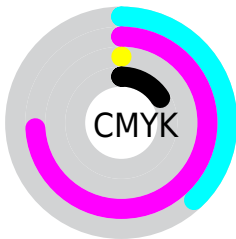
Blue (84%)



Red (52%)

Yellow (22%)

Blue (84%)

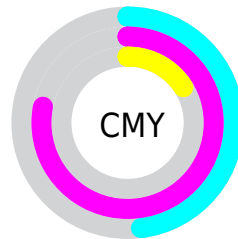


Cyan (38%)

Magenta (74%)

Yellow (0%)

Black (16%)



Cyan (48%)

Magenta (78%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8438D5 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 8438D5 by changing the saturation by 10% instead.

 8438D5

 8438D5

FFFFFF

 671AB9

 BF6EFF

 49009D

 DC89FF

 280082

 FBA5FF

 000068

 FFC1FF

 00004F

 FFDDFF

 000537

 FFFBFF

 000221

 000005

 000000

 8438D5

 8438D5

 7923D5

 8F4DD5

 6E0DD5

 9A63D5

 6700D5

 A578D5

 B08DD5

 BBA3D5

 C6B8D5

 D1CDD5

 DCE2D5

 E7F8D5

Harmonies

Analogous

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



0065FA



8438D5



CC0093

Triad

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



8438D5



9D4E00



007F81

Complementary

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



8438D5



89D538

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.



007D31



8438D5



5E6A00

Square

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



8438D5



CB0000



007700



007FC8

Rectangle

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



8438D5



DD0062



007700



007F67

Sweetspot

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



8438D5



E2C7FF



3889D5



6E5E80



000000



808080

Same Dimension

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



8438D5



8B1FFF



D238D5



66606B



5300AB



15002B

Inverse Universe

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



D53889



FF1F92



3BD538



6B6066



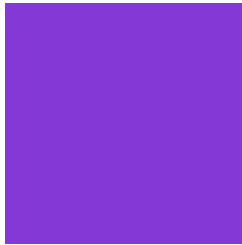
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 8438D5 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

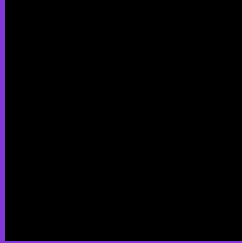
Any Text WCAG AA × Fail

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 8438D5 Background



This preview shows how black text looks on a background with the Hex color 8438D5.

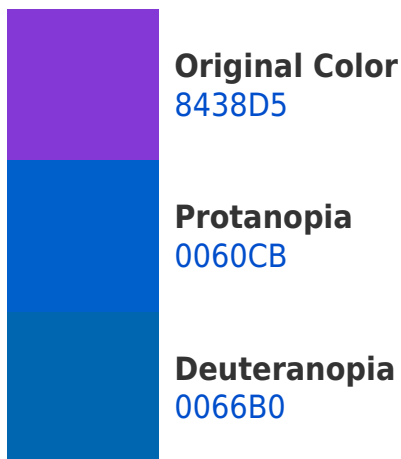


This preview shows how white text looks on a background with the Hex color 8438D5.

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
6D5F67

Trichromacy



Original Color
8438D5



Protanomaly
3051CF



Deuteranomaly
3055BD



Tritanomaly
75518F

Monochromacy



Original Color
8438D5



Achromatopsia
616161



Achromatomaly
6E528B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8438D5 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 #8438D5 looks like.

```
.text, #text, p{  
    color:#8438D5  
}
```

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 #8438D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8438D5
}
```

Border

The CSS property to change the border of an element to Hex 8438D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

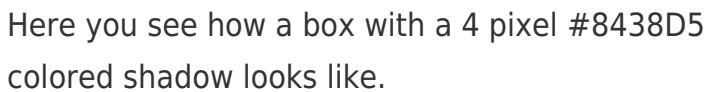
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8438D5 }
```

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

```
.border{ border-color:#8438D5 }
```

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



Here you see how a box with a 4 pixel #8438D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8438D5; -webkit-box-shadow:4px 4px  
4px 4px #8438D5; box-shadow:4px 4px 4px  
4px #8438D5 }
```

Background

The CSS property to change the background color of an element to Hex 8438D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8438D5 }
```

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

```
.background{ background-color:#8438D5 }
```

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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