

Converting Colors

Hex(6338BA)

Have a look what the booklet for
Hex(6338BA) contains.

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Color

Hex(6338BA)

Conversions

Conversions Part 1

Format	Color
Hex	6338BA
RGB	99, 56, 186
RGB Percent	39%, 22%, 73%
CMY	0.6118, 0.7804, 0.2706
CMYK	0.47, 0.70, 0.00, 0.27
HSL	260°, 54%, 47%
HSV	260°, 70%, 73%
XYZ	15.4227, 9.0262, 47.3837
YIQ	83.6770, -16.1020, 49.5460

Conversions

Conversions Part 2

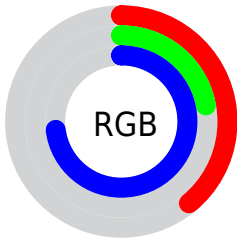
Format	Color
RYB	99, 56, 186
Decimal	6502586
CIELab	36.03, 48.43, -61.85
CIElCh	36, 78.551, 308.063
Yxy	9.0262, 0.2147, 0.1257
Android (android.graphics.Color)	4284692666 (0xFF6338BA)
YUV	83.6770, 50.4452, 13.4383
Hunter-Lab	30.0436, 39.0556, -72.4797

Details

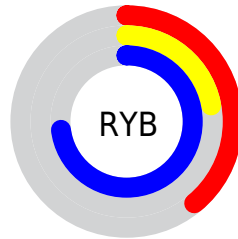
The Hex color **6338BA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8FBA38**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C6AF3**, and **250384** is the 20% darker color. If you saturate the color by 10%, you get **5725BA**, and if you desaturate by 10%, it is **6F4BBA**.

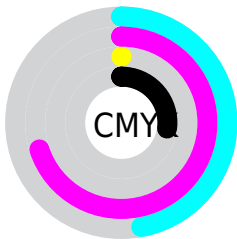
Distribution



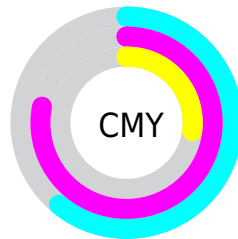
- Red (39%)
- Green (22%)
- Blue (73%)



- Red (39%)
- Yellow (22%)
- Blue (73%)



- Cyan (47%)
- Magenta (70%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (78%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6338BA 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 6338BA by changing the saturation by 10% instead.

 6338BA

 6338BA

FFFFFF

 461F9E


 9C6AF3

 250384

 B984FF

 00006A

 D79FFF

 000051

 F5BBFF

 000538

 FFD7FF

 000222

 FFF4FF

 000008

 000000

 6338BA

 6338BA

■ 5725BA

■ 6F4BBA

■ 4A13BA

■ 7C5DBA

■ 3E00BA

■ 8870BA

■ 9582BA

■ A195BA

■ AEA8BA

■ BABABA

■ C7CDBA

■ D3DFBA

Harmonies

Analogous

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



0059D5



6338BA



A80085

Triad

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



6338BA



8C3F00



006D65

Complementary

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



6338BA



8FBA38

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.



006A20



6338BA



595800

Square

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



6338BA



B00005



006500



006DA2

Rectangle

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



6338BA



BA005C



006500



006C4F

Sweetspot

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



6338BA



D0BFF2



3891BA



665C7A



FAFAFA



7A7A7A

Same Dimension

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



6338BA



6A27F2



A238BA



56535C



33009C



09001C

Inverse Universe

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



BA388F



F227AF



50BA38



5C5359



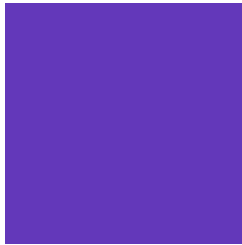
9C0068



1C0013

Previews

White Background



This preview shows how the Hex color 6338BA 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

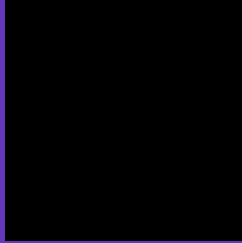
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6338BA Background



This preview shows how black text looks on a background with the Hex color 6338BA.

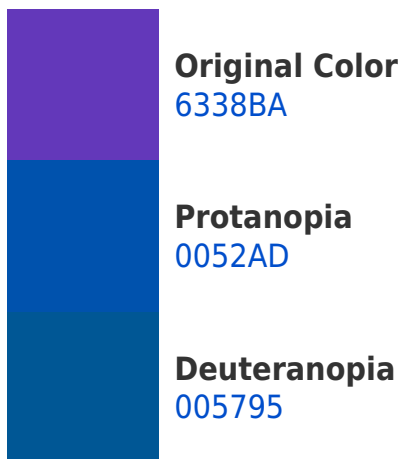


This preview shows how white text looks on a background with the Hex color 6338BA.

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
4B575E

Trichromacy



Original Color
6338BA



Protanomaly
2449B2



Deuteranomaly
244CA2



Tritanomaly
544C7F

Monochromacy



Original Color
6338BA



Achromatopsia
545454



Achromatomaly
594A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 6338BA 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 #6338BA looks like.

```
.text, #text, p{  
    color:#6338BA  
}
```

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 #6338BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6338BA
}
```

Border

The CSS property to change the border of an element to Hex 6338BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

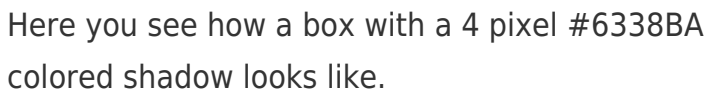
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6338BA }
```

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

```
.border{ border-color:#6338BA }
```

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



Here you see how a box with a 4 pixel #6338BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6338BA; -webkit-box-shadow:4px 4px  
4px 4px #6338BA; box-shadow:4px 4px 4px  
4px #6338BA }
```

Background

The CSS property to change the background color of an element to Hex 6338BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6338BA }
```

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

```
.background{ background-color:#6338BA }
```

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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