

Converting Colors

Hex(6300B8)

Have a look what the booklet for
Hex(6300B8) contains.

Hex(6300B8)	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(6300B8)

Conversions

Conversions Part 1

Format	Color
Hex	6300B8
RGB	99, 0, 184
RGB Percent	39%, 0%, 72%
CMY	0.6118, 1.0000, 0.2784
CMYK	0.46, 1.00, 0.00, 0.28
HSL	272°, 100%, 36%
HSV	272°, 100%, 72%
XYZ	13.7973, 6.1133, 45.8002
YIQ	50.5770, -0.0600, 78.2120

Conversions

Conversions Part 2

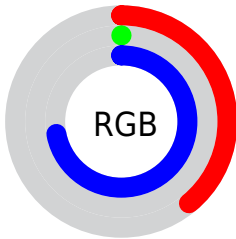
Format	Color
R_{YB}	99, 0, 184
Decimal	6488248
CIE _{Lab}	29.70, 65.81, -71.07
CIE _{LCh}	30, 96.857, 312.801
Yxy	6.1133, 0.2100, 0.0930
Android (android.graphics.Color)	4284678328 (0xFF6300B8)
YUV	50.5770, 65.7775, 42.4670
Hunter-Lab	24.7252, 56.3388, -92.5195

Details

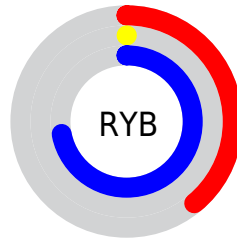
The Hex color **6300B8** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **55B800**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9E47F1**, and **200081** is the 20% darker color. If you saturate the color by 10%, you get **6300B8**, and if you desaturate by 10%, it is **6B12B8**.

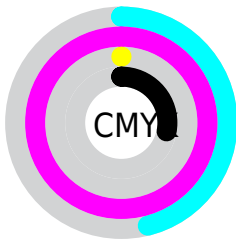
Distribution



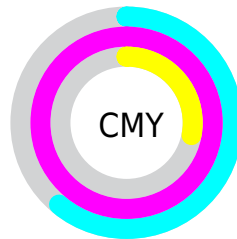
- Red (39%)
- Green (0%)
- Blue (72%)



- Red (39%)
- Yellow (0%)
- Blue (72%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (61%)
- Magenta (100%)
- Yellow (28%)
- Black (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6300B8 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 6300B8 by changing the saturation by 10% instead.

 6300B8

 6300B8

FFFFFF

 44009C

 9E47F1

 200081

 BC62FF

 000067

 DA7EFF

 00004E

 F89AFF

 000536

 FFB6FF

 000220

 FFD2FF

 000004

 FFF0FF

 000000

 6300B8

 6B12B8

 7425B8

 7C37B8

 854AB8

 8D5CB8

 966EB8

 9E81B8

 A793B8

 B0A6B8

Harmonies

Analogous

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



0049DF



6300B8



AD0074

Triad

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



6300B8



783000



005E66

Complementary

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



6300B8



55B800

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.



005C12



6300B8



384D00

Square

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



6300B8



A60000



005800



0060AE

Rectangle

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



6300B8



BC0043



005800



005D4C

Sweetspot

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



6300B8



CEA8F0



0056B8



644D78



F7F7F7



787878

Same Dimension

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



6300B8



8100F0



B800B2



58535C



54009C



0F001C

Inverse Universe

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



B80055



F0006F



00B806



5C5357



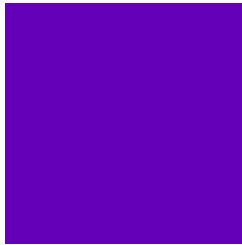
9C0048



1C000D

Previews

White Background



This preview shows how the Hex color 6300B8 looks on a white background.

Color Contrast Check

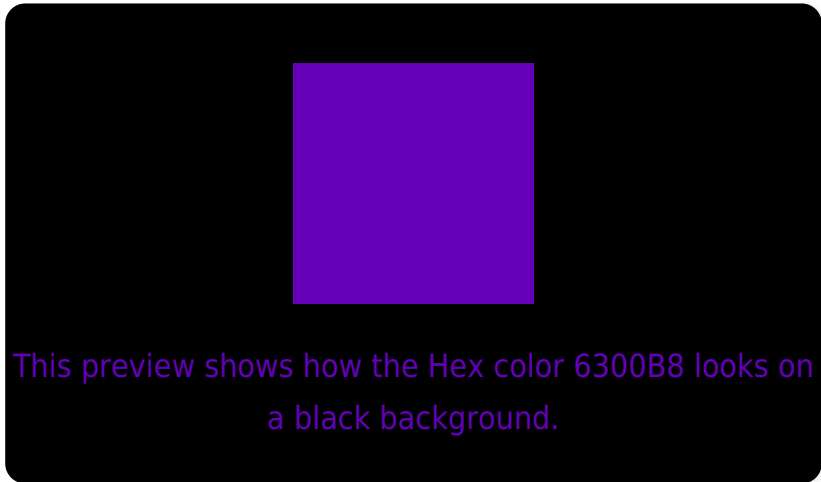
Large Text (above 18pt) WCAG AA ✓ Pass

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

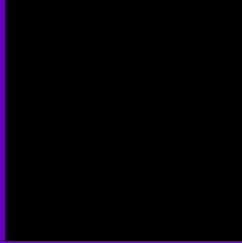
Any Text WCAG AA × Fail

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 6300B8 Background



This preview shows how black text looks on a background with the Hex color 6300B8.



This preview shows how white text looks on a background with the Hex color 6300B8.

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



Original Color
6300B8

Protanopia
004693

Deuteranopia
004B7E



Tritanopia
48484D

Trichromacy



Original Color
6300B8



Protanomaly
242DA0



Deuteranomaly
243093



Tritanomaly
522E74

Monochromacy



Original Color
6300B8



Achromatopsia
333333



Achromatomaly
442063

CSS Examples

Text

The CSS property to change the color of the text to Hex 6300B8 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 #6300B8 looks like.

```
.text, #text, p{  
    color:#6300B8  
}
```

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 #6300B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6300B8
}
```

Border

The CSS property to change the border of an element to Hex 6300B8 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".

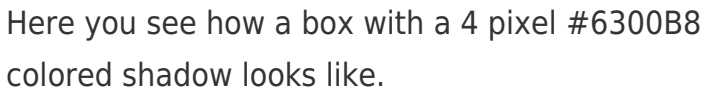
```
.border, #border, table{ border:4px solid
#6300B8 }
```

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

```
.border{ border-color:#6300B8 }
```

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

Here you see how a box with a 4 pixel #6300B8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6300B8; -webkit-box-shadow:4px 4px  
4px 4px #6300B8; box-shadow:4px 4px 4px  
4px #6300B8 }
```

Background

The CSS property to change the background color of an element to Hex 6300B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6300B8 }
```

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

```
.background{ background-color:#6300B8 }
```

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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