

Converting Colors

Hex(6320BA)

Have a look what the booklet for
Hex(6320BA) contains.

Hex(6320BA)	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(6320BA)

Conversions

Conversions Part 1

Format	Color
Hex	6320BA
RGB	99, 32, 186
RGB Percent	39%, 13%, 73%
CMY	0.6118, 0.8745, 0.2706
CMYK	0.47, 0.83, 0.00, 0.27
HSL	266°, 71%, 43%
HSV	266°, 83%, 73%
XYZ	14.5250, 7.2308, 47.0845
YIQ	69.5890, -9.5020, 62.0980

Conversions

Conversions Part 2

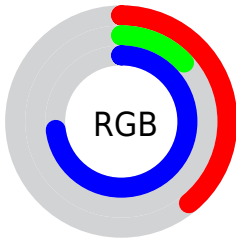
Format	Color
R _Y B	99, 32, 186
Decimal	6496442
CIE Lab	32.33, 59.01, -67.92
CIE LCh	32, 89.976, 310.987
Yxy	7.2308, 0.2110, 0.1050
Android (android.graphics.Color)	4284686522 (0xFF6320BA)
YUV	69.5890, 57.3906, 25.7934
Hunter-Lab	26.8902, 49.3607, -84.9930

Details

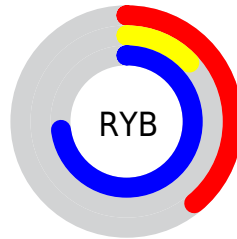
The Hex color **6320BA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **77BA20**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9E56F3**, and **220083** is the 20% darker color. If you saturate the color by 10%, you get **580DBA**, and if you desaturate by 10%, it is **6E33BA**.

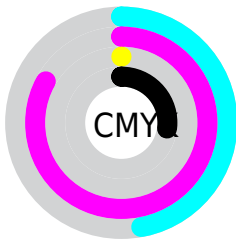
Distribution



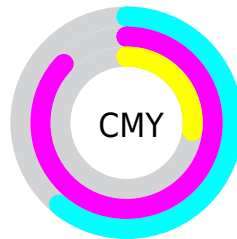
- Red (39%)
- Green (13%)
- Blue (73%)



- Red (39%)
- Yellow (13%)
- Blue (73%)



- Cyan (47%)
- Magenta (83%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (87%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6320BA 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 6320BA by changing the saturation by 10% instead.

 6320BA

 6320BA

FFFFFF

 45009E

 9E56F3

 220083

 BB71FF

 000069

 D98CFF

 000050

 F7A7FF

 000538

 FFC4FF

 000222

 FFE0FF

 000007

 FFFDFF

 000000

 6320BA

 6320BA

■ 580DBA

■ 6E33BA

■ 5100BA

■ 7845BA

■ 8358BA

■ 8D6ABA

■ 987DBA

■ A290BA

■ ADA2BA

■ B7B5BA

■ C2C7BA

Harmonies

Analogous

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



0050DC



6320BA



AC007C

Triad

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



6320BA



813600



006466

Complementary

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



6320BA



77BA20

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.



006217



6320BA



465200

Square

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



6320BA



AB0000



005E00



0066AA

Rectangle

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



6320BA



BC004D



005E00



00644D

Sweetspot

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



6320BA



D0B6F2



2077BA



66567A



FAFAFA



7A7A7A

Same Dimension

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



6320BA



6B02F2



B020BA



57535C



44009C



0C001C

Inverse Universe

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



BA2077



F2028A



2ABA20



5C5358



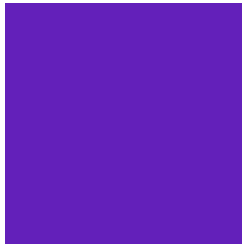
9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 6320BA 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

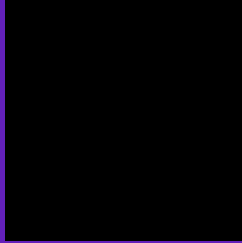
Any Text WCAG AA × Fail

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 6320BA Background



This preview shows how black text looks on a background with the Hex color 6320BA.

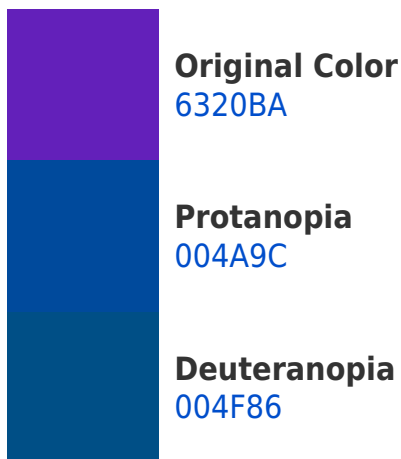


This preview shows how white text looks on a background with the Hex color 6320BA.

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](#).

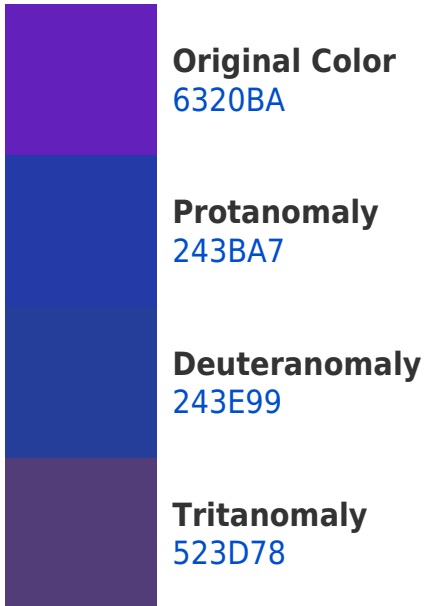
Dichromacy



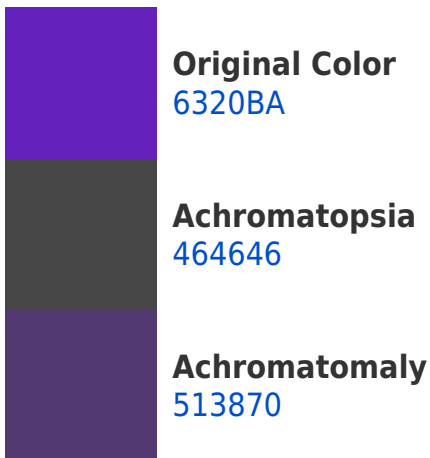


Tritanopia
494D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6320BA 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 #6320BA looks like.

```
.text, #text, p{  
    color:#6320BA  
}
```

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 #6320BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6320BA
}
```

Border

The CSS property to change the border of an element to Hex 6320BA 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
#6320BA }
```

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

```
.border{ border-color:#6320BA }
```

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

Here you see how a box with a 4 pixel #6320BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6320BA; -webkit-box-shadow:4px 4px  
4px 4px #6320BA; box-shadow:4px 4px 4px  
4px #6320BA }
```

Background

The CSS property to change the background color of an element to Hex 6320BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6320BA }
```

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

```
.background{ background-color:#6320BA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor