

Converting Colors

Hex(6322BF)

Have a look what the booklet for
Hex(6322BF) contains.

Hex(6322BF)	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(6322BF)

Conversions

Conversions Part 1

Format	Color
Hex	6322BF
RGB	99, 34, 191
RGB Percent	39%, 13%, 75%
CMY	0.6118, 0.8667, 0.2510
CMYK	0.48, 0.82, 0.00, 0.25
HSL	265°, 70%, 44%
HSV	265°, 82%, 75%
XYZ	15.1216, 7.5583, 49.9521
YIQ	71.3330, -11.6570, 62.6070

Conversions

Conversions Part 2

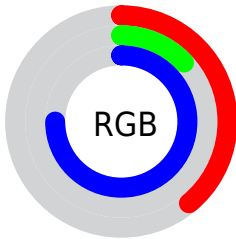
Format	Color
R_{YB}	99, 34, 191
Decimal	6496959
CIE _{Lab}	33.05, 59.53, -69.69
CIE _{LCh}	33, 91.652, 310.503
Yxy	7.5583, 0.2082, 0.1041
Android (android.graphics.Color)	4284687039 (0xFF6322BF)
YUV	71.3330, 58.9958, 24.2640
Hunter-Lab	27.4923, 50.0686, -88.4821

Details

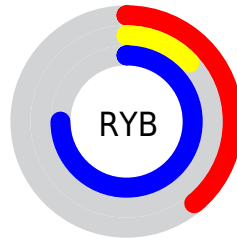
The Hex color **6322BF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7EBF22**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9E58F9**, and **200088** is the 20% darker color. If you saturate the color by 10%, you get **580FBF**, and if you desaturate by 10%, it is **6E35BF**.

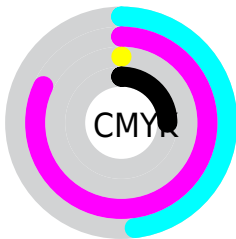
Distribution



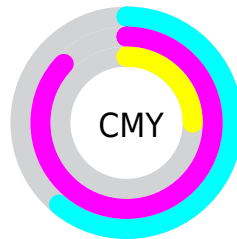
- Red (39%)
- Green (13%)
- Blue (75%)



- Red (39%)
- Yellow (13%)
- Blue (75%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (87%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6322BF 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 6322BF by changing the saturation by 10% instead.

6322BF

6322BF

FFFFFF

4400A3

9E58F9

200088

BC73FF

00006E

D98EFF

000054

F8A9FF

00063C

FFC5FF

000225

FFE2FF

00010E

000000

6322BF

6322BF

580FBF

6E35BF

4F00BF

7948BF

855BBF

906EBF

9B82BF

A695BF

B1A8BF

BDBBBF

C8CEBF

Harmonies

Analogous

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



0052E1



6322BF



AF0080

Triad

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



6322BF



853600



006767

Complementary

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



6322BF



7EBF22

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.



006416



6322BF



485300

Square

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



6322BF



AF0000



006000



0068AD

Rectangle

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



6322BF



C00050



006000



00664D

Sweetspot

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



6322BF



D3BAF7



2280BF



67577D



FCFCFC



7D7D7D

Same Dimension

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



6322BF



6802F7



AF22BF



59555E



41009E



0D001F

Inverse Universe

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



BF227E



F70292



32BF22



5E555A



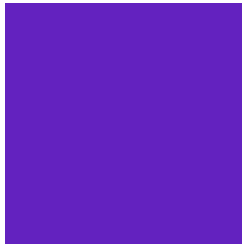
9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 6322BF 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

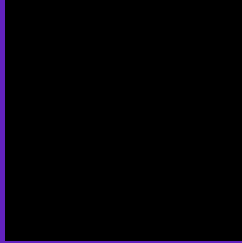
Any Text WCAG AA × Fail

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 6322BF Background



This preview shows how black text looks on a background with the Hex color 6322BF.



This preview shows how white text looks on a background with the Hex color 6322BF.

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
6322BF

Protanopia
004C9F

Deuteranopia
005088



Tritanopia
474F56

Trichromacy



Original Color
6322BF



Protanomaly
243DAB



Deuteranomaly
243F9C



Tritanomaly
513F7C

Monochromacy



Original Color
6322BF



Achromatopsia
474747



Achromatomaly
513A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 6322BF 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 #6322BF looks like.

```
.text, #text, p{  
  color:#6322BF  
}
```

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 #6322BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6322BF
}
```

Border

The CSS property to change the border of an element to Hex 6322BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

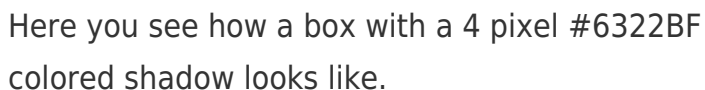
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6322BF }
```

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

```
.border{ border-color:#6322BF }
```

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



Here you see how a box with a 4 pixel #6322BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6322BF; -webkit-box-shadow:4px 4px  
4px 4px #6322BF; box-shadow:4px 4px 4px  
4px #6322BF }
```

Background

The CSS property to change the background color of an element to Hex 6322BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6322BF }
```

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

```
.background{ background-color:#6322BF }
```

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