

Converting Colors

Hex(6332AD)

Have a look what the booklet for
Hex(6332AD) contains.

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Color

Hex(6332AD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6332AD |
| RGB | 99, 50, 173 |
| RGB Percent | 39%, 20%, 68% |
| CMY | 0.6118, 0.8039, 0.3216 |
| CMYK | 0.43, 0.71, 0.00, 0.32 |
| HSL | 264°, 55%, 44% |
| HSV | 264°, 71%, 68% |
| XYZ | 13.8290, 7.9510, 40.3410 |
| YIQ | 78.6730, -10.2790, 48.6410 |

Conversions

Conversions Part 2

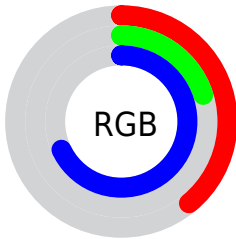
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 99, 50, 173 |
| Decimal | 6501037 |
| CIE _{Lab} | 33.88, 47.98, -57.64 |
| CIE _{LCh} | 34, 74.997, 309.770 |
| Yxy | 7.9510, 0.2226, 0.1280 |
| Android (android.graphics.Color) | 4284691117 (0xFF6332AD) |
| YUV | 78.6730, 46.5032, 17.8268 |
| Hunter-Lab | 28.1975, 38.1969, -65.0855 |

Details

The Hex color **6332AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7CAD32**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9B64E5**, and **280077** is the 20% darker color. If you saturate the color by 10%, you get **5921AD**, and if you desaturate by 10%, it is **6D43AD**.

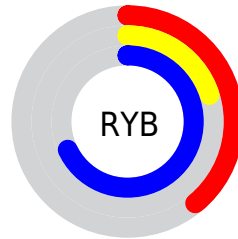
Distribution



Red (39%)

Green (20%)

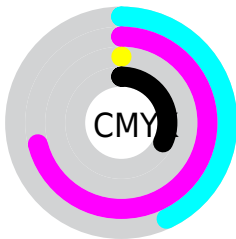
Blue (68%)



Red (39%)

Yellow (20%)

Blue (68%)

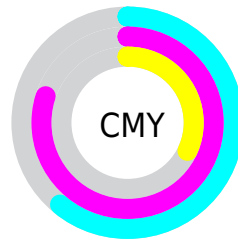


Cyan (43%)

Magenta (71%)

Yellow (0%)

Black (32%)



Cyan (61%)

Magenta (80%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6332AD 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 6332AD by changing the saturation by 10% instead.

6332AD

6332AD

FFFFFF

471892

9B64E5

280077

B87EFF

00005E

D599FF

000045

F3B4FF

00042E

FFD0FF

000118

FFEDFF

000000

6332AD

6332AD

5921AD

6D43AD

■ 4E0FAD

■ 7855AD

■ 4500AD

■ 8266AD

■ 8D77AD

■ 9789AD

■ A19AAD

■ ACABAD

■ B6BCAD

■ C1CEAD

Harmonies

Analogous

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



0052C8



6332AD



A1007A

Triad

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



6332AD



823D00



006662

Complementary

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



6332AD



7CAD32

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.



006422



6332AD



515400

Square

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



6332AD



A40000



005F00



00669C

Rectangle

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



6332AD



B00053



005F00



00664E

Sweetspot

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



6332AD



C4B1E0



327EAD



5F5470



F0F0F0



707070

Same Dimension

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



6332AD



6E22E0



9F32AD



514E57



3C0096



090017

Inverse Universe

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



AD327C



E02294



40AD32



574E53



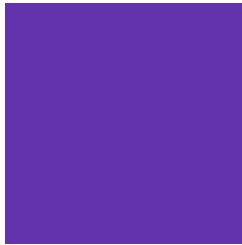
96005B



17000E

Previews

White Background



This preview shows how the Hex color 6332AD looks on a white background.

Color Contrast Check

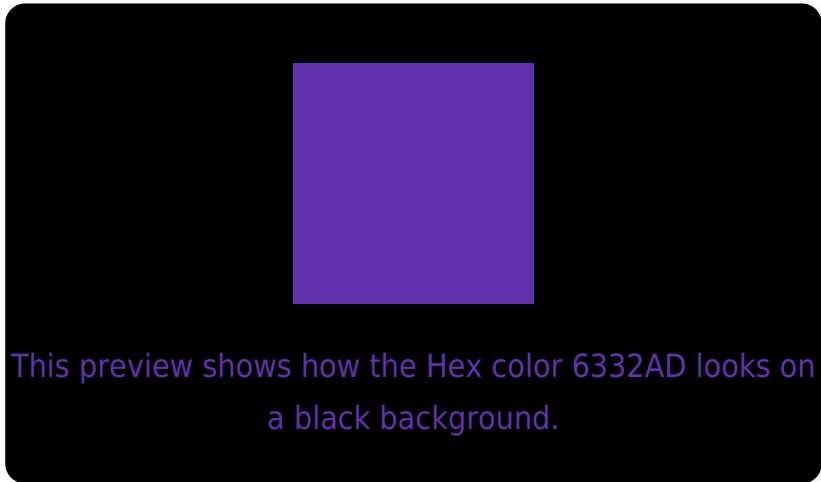
Large Text (above 18pt) WCAG AA ✓ Pass

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

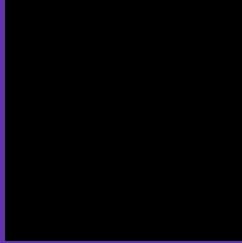
Any Text WCAG AA × Fail

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 6332AD Background



This preview shows how black text looks on a background with the Hex color 6332AD.

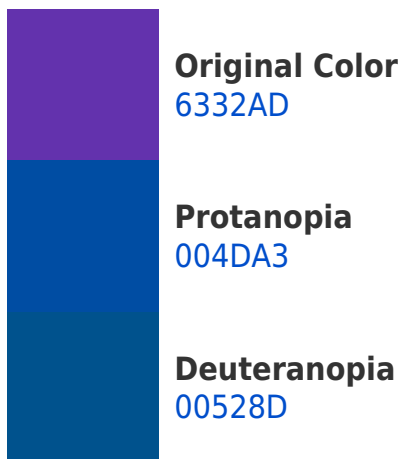


This preview shows how white text looks on a background with the Hex color 6332AD.

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
4E5056

Trichromacy



Original Color
6332AD



Protanomaly
2443A7



Deuteranomaly
244699



Tritanomaly
564576

Monochromacy



Original Color
6332AD



Achromatopsia
4F4F4F



Achromatomaly
564471

CSS Examples

Text

The CSS property to change the color of the text to Hex 6332AD 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 #6332AD looks like.

```
.text, #text, p{  
    color:#6332AD  
}
```

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 #6332AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6332AD }  
}
```

Border

The CSS property to change the border of an element to Hex 6332AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

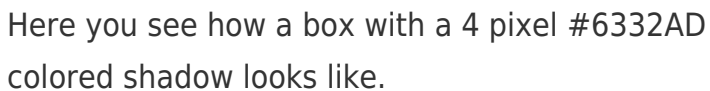
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #6332AD }  
}
```

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

```
.border{ border-color:#6332AD }
```

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



Here you see how a box with a 4 pixel #6332AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6332AD; -webkit-box-shadow:4px 4px  
4px 4px #6332AD; box-shadow:4px 4px 4px  
4px #6332AD }
```

Background

The CSS property to change the background color of an element to Hex 6332AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6332AD }
```

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

```
.background{ background-color:#6332AD }
```

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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