

Converting Colors

Hex(3633AD)

Have a look what the booklet for
Hex(3633AD) contains.

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Color

Hex(3633AD)

Conversions

Conversions Part 1

Format	Color
Hex	3633AD
RGB	54, 51, 173
RGB Percent	21%, 20%, 68%
CMY	0.7882, 0.8000, 0.3216
CMYK	0.69, 0.71, 0.00, 0.32
HSL	241°, 54%, 44%
HSV	241°, 71%, 68%
XYZ	10.2480, 6.1691, 40.1858
YIQ	65.8050, -37.3740, 38.5780

Conversions

Conversions Part 2

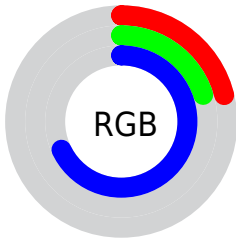
Format	Color
R_{YB}	54, 51, 173
Decimal	3552173
CIE _{Lab}	29.84, 40.41, -64.44
CIE _{LCh}	30, 76.060, 302.096
Yxy	6.1691, 0.1811, 0.1090
Android (android.graphics.Color)	4281742253 (0xFF3633AD)
YUV	65.8050, 52.8471, -10.3530
Hunter-Lab	24.8376, 30.1833, -78.5415

Details

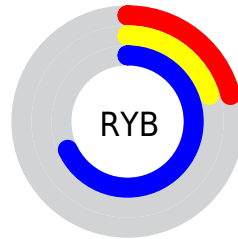
The Hex color **3633AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AAAD33**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7463E6**, and **000877** is the 20% darker color. If you saturate the color by 10%, you get **2522AD**, and if you desaturate by 10%, it is **4744AD**.

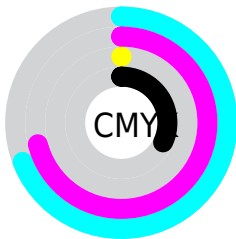
Distribution



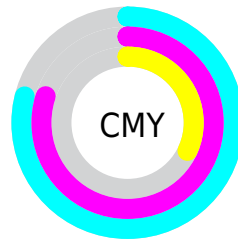
- Red (21%)
- Green (20%)
- Blue (68%)



- Red (21%)
- Yellow (20%)
- Blue (68%)



- Cyan (69%)
- Magenta (71%)
- Yellow (0%)
- Black (32%)



- Cyan (79%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3633AD 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 3633AD by changing the saturation by 10% instead.

■ 3633AD

■ 3633AD

FFFFFF

■ 021D92

■ 7463E6

■ 000877

■ 927CFF

■ 00005E

■ AF96FF

■ 000845

■ CDB1FF

■ 00032E

■ EBCDFF

■ 000118

■ FFE9FF

■ 000000

■ 3633AD

■ 3633AD

■ 2522AD

■ 4744AD

■ 1410AD

■ 5856AD

■ 0400AD

■ 6967AD

■ 7978AD

■ 8A8AAD

■ 9B9BAD

■ ACACAD

■ BDBDAD

■ CECFAD

Harmonies

Analogous

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



004FC0



3633AD



8C007F

Triad

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



3633AD



802900



005B49

Complementary

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



3633AD



AAAD33

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.



005900



3633AD



534600

Square

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



3633AD



9F000A



035300



005C85

Rectangle

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



3633AD



A10059



035300



005B34

Sweetspot

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



3633AD



B2B1E0



33ABAD



555470



F0F0F0



707070

Same Dimension

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



3633AD



2622E0



7233AD



4E4E57



040096



010017

Inverse Universe

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



AD33AA



E022DC



6EAD33



574E56



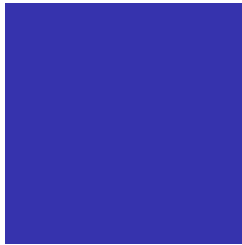
960093



170016

Previews

White Background



This preview shows how the Hex color 3633AD looks on a white background.

Color Contrast Check

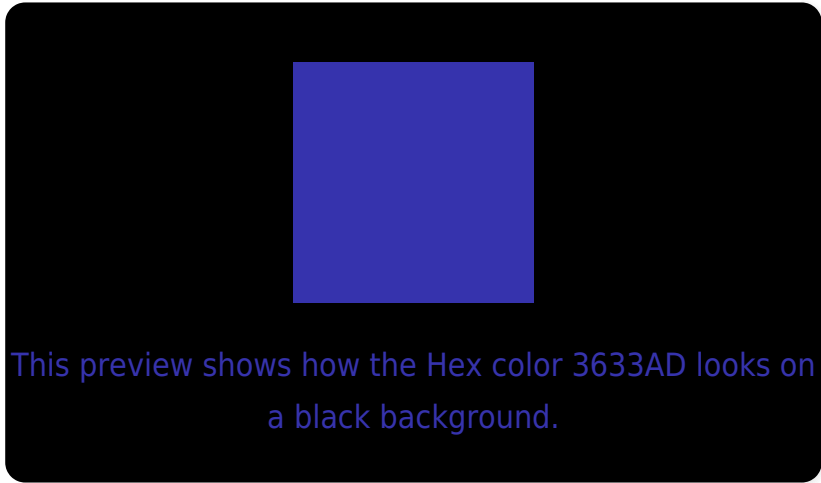
Large Text (above 18pt) WCAG AA ✓ Pass

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

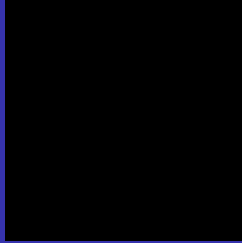
Any Text WCAG AA × Fail

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 3633AD Background



This preview shows how black text looks on a background with the Hex color 3633AD.



This preview shows how white text looks on a background with the Hex color 3633AD.

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
3633AD

Protanopia
00448F

Deuteranopia
00487A

Trichromacy



Original Color
3633AD

Protanomaly
143E9A

Deuteranomaly
14408D

Monochromacy



Original Color
3633AD

Achromatopsia
424242

Achromatomaly
3E3D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 3633AD 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 #3633AD looks like.

```
.text, #text, p{  
    color:#3633AD  
}
```

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 #3633AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3633AD }  
}
```

Border

The CSS property to change the border of an element to Hex 3633AD 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 #3633AD }  
}
```

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

```
.border{ border-color:#3633AD }
```

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

Here you see how a box with a 4 pixel #3633AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3633AD; -webkit-box-shadow:4px 4px  
4px 4px #3633AD; box-shadow:4px 4px 4px  
4px #3633AD }
```

Background

The CSS property to change the background color of an element to Hex 3633AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3633AD }
```

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

```
.background{ background-color:#3633AD }
```

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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