

Converting Colors

Hex(A336D8)

Have a look what the booklet for
Hex(A336D8) contains.

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Color

Hex(A336D8)

Conversions

Conversions Part 1

Format	Color
Hex	A336D8
RGB	163, 54, 216
RGB Percent	64%, 21%, 85%
CMY	0.3608, 0.7882, 0.1529
CMYK	0.25, 0.75, 0.00, 0.15
HSL	280°, 68%, 53%
HSV	280°, 75%, 85%
XYZ	28.8181, 15.3827, 66.4160
YIQ	105.0590, 12.9620, 73.4900

Conversions

Conversions Part 2

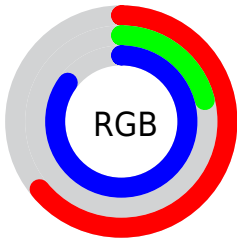
Format	Color
R_{YB}	163, 54, 216
Decimal	10696408
CIE _{Lab}	46.15, 68.00, -62.45
CIE _{LCh}	46, 92.326, 317.433
Yxy	15.3827, 0.2605, 0.1391
Android (android.graphics.Color)	4288886488 (0xFFA336D8)
YUV	105.0590, 54.6939, 50.8143
Hunter-Lab	39.2208, 62.5191, -72.9463

Details

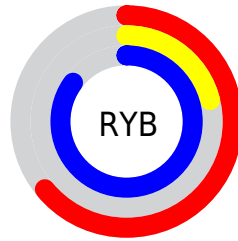
The Hex color **A336D8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6BD836**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **DE6FFF**, and **6900A0** is the 20% darker color. If you saturate the color by 10%, you get **9C20D8**, and if you desaturate by 10%, it is **AA4CD8**.

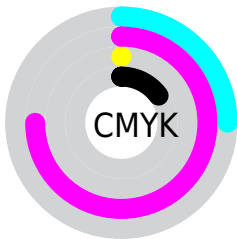
Distribution



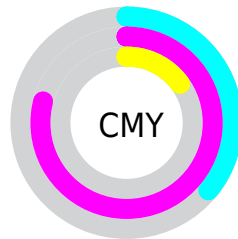
- Red (64%)
- Green (21%)
- Blue (85%)



- Red (64%)
- Yellow (21%)
- Blue (85%)



- Cyan (25%)
- Magenta (75%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (79%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A336D8 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 A336D8 by changing the saturation by 10% instead.

 A336D8

 A336D8

FFFFFF

 8611BC

 DE6FFF

 6900A0

 FC8BFF

 4D0085

 FFA8FF

 2F006B

 FFC4FF

 0C0052

 FFE2FF

 00003A

 000223

 00000A

 000000

 A336D8

 A336D8

 9C20D8

 AA4CD8

 950BD8

 B161D8

 9100D8

 B877D8

 BF8CD8

 C6A2D8

 CDB8D8

 D4CDD8

 DCE3D8

 E3F8D8

Harmonies

Analogous

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



0069FF



A336D8



E10091

Triad

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



A336D8



A05E00



008B9A

Complementary

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



A336D8



6BD836

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.



008949



A336D8



5B7800

Square

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



A336D8



D22A00



008400



008AE0

Rectangle

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



A336D8



ED005E



008400



008B7F

Sweetspot

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



A336D8



ECC4FF



366CD8



745C80



000000



808080

Same Dimension

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



A336D8



B419FF



D836BD



68606B



7300AB



1D002B

Inverse Universe

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



D8366B



FF1965



36D851



6B6064



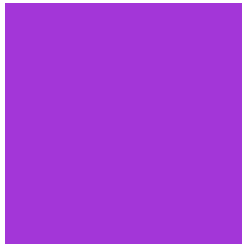
AB0038



2B000E

Previews

White Background



This preview shows how the Hex color A336D8 looks on a white background.

Color Contrast Check

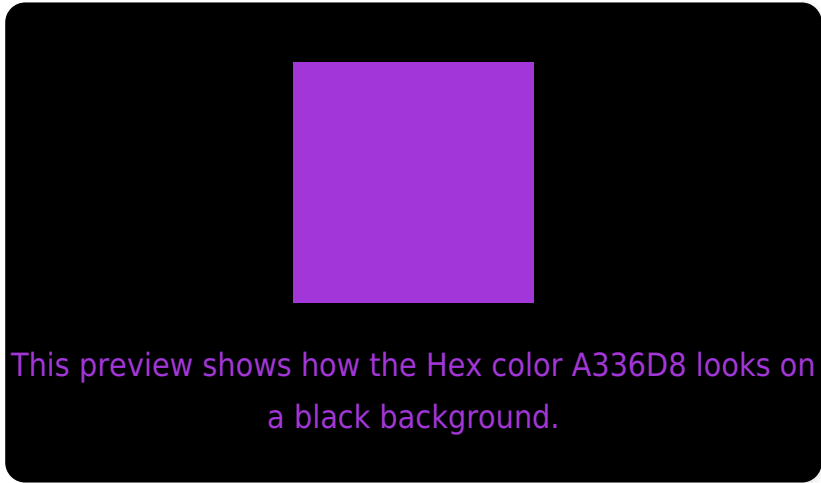
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

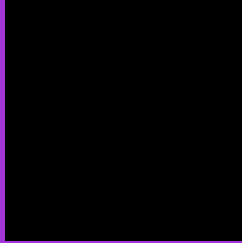
Any Text WCAG AA × Fail

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 A336D8 Background



This preview shows how black text looks on a background with the Hex color A336D8.



This preview shows how white text looks on a background with the Hex color A336D8.

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
A336D8

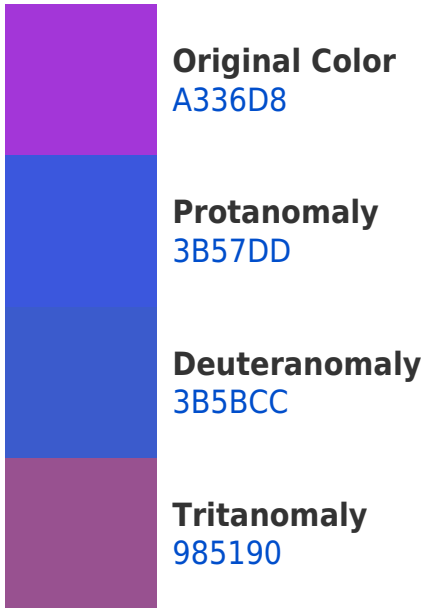
Protanopia
006AE0

Deuteranopia
0070C5

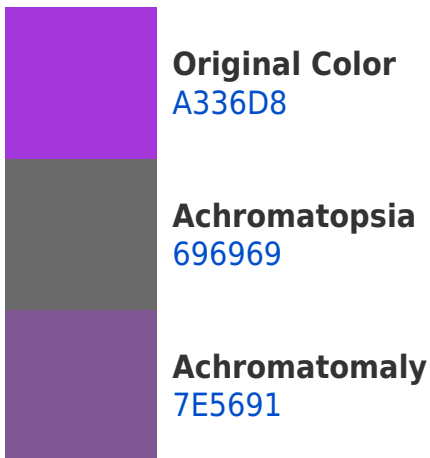


Tritanopia
916067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A336D8 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 #A336D8 looks like.

```
.text, #text, p{  
    color:#A336D8  
}
```

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 #A336D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A336D8
}
```

Border

The CSS property to change the border of an element to Hex A336D8 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
#A336D8 }
```

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

```
.border{ border-color:#A336D8 }
```

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

Here you see how a box with a 4 pixel #A336D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A336D8; -webkit-box-shadow:4px 4px  
4px 4px #A336D8; box-shadow:4px 4px 4px  
4px #A336D8 }
```

Background

The CSS property to change the background color of an element to Hex A336D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A336D8 }
```

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

```
.background{ background-color:#A336D8 }
```

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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