

Converting Colors

Hex(3C36AA)

Have a look what the booklet for
Hex(3C36AA) contains.

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Color

Hex(3C36AA)

Conversions

Conversions Part 1

Format	Color
Hex	3C36AA
RGB	60, 54, 170
RGB Percent	24%, 21%, 67%
CMY	0.7647, 0.7882, 0.3333
CMYK	0.65, 0.68, 0.00, 0.33
HSL	243°, 52%, 44%
HSV	243°, 68%, 67%
XYZ	10.4383, 6.5013, 38.7349
YIQ	69.0180, -33.6600, 37.3480

Conversions

Conversions Part 2

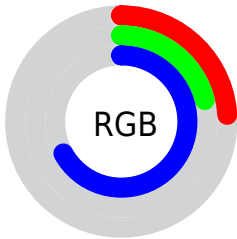
Format	Color
R_{YB}	60, 54, 170
Decimal	3946154
CIE _{Lab}	30.64, 38.39, -61.29
CIE _{LCh}	31, 72.325, 302.062
Yxy	6.5013, 0.1875, 0.1168
Android (android.graphics.Color)	4282136234 (0xFF3C36AA)
YUV	69.0180, 49.7841, -7.9088
Hunter-Lab	25.4976, 28.4545, -72.2227

Details

The Hex color **3C36AA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A4AA36**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7866E2**, and **000A75** is the 20% darker color. If you saturate the color by 10%, you get **2C25AA**, and if you desaturate by 10%, it is **4C47AA**.

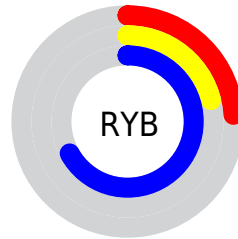
Distribution



 Red (24%)

 Green (21%)

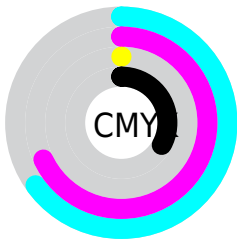
 Blue (67%)




 Red (24%)

 Yellow (21%)

 Blue (67%)

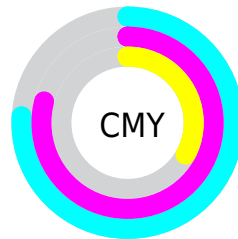


 Cyan (65%)

 Magenta (68%)

 Yellow (0%)

 Black (33%)



 Cyan (76%)

 Magenta (79%)

 Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C36AA 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 3C36AA by changing the saturation by 10% instead.

■ 3C36AA

■ 3C36AA

FFFFFF

■ 14208F

■ 7866E2

■ 000A75

■ 957FFF

■ 00005B

■ B299FF

■ 000743

■ D0B4FF

■ 00032B

■ EDD0FF

■ 000116

■ FFECFF

■ 000000

■ 3C36AA

■ 3C36AA

■ 2C25AA

■ 4C47AA

■ 1C14AA

■ 5C58AA

■ 0C03AA

■ 6C69AA

■ 0900AA

■ 7C7AAA

■ 8D8BAA

■ 9D9CAA

■ ADADAA

■ BDBEAA

■ CDCFAA

Harmonies

Analogous

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



0050BC



3C36AA



8B007E

Triad

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



3C36AA



812D00



005D4B

Complementary

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



3C36AA



A4AA36

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.



005B08



3C36AA



564800

Square

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



3C36AA



9E0010



125500



005E84

Rectangle

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



3C36AA



A0005A



125500



005C37

Sweetspot

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



3C36AA



B4B1DE



36A4AA



575570



F0F0F0



707070

Same Dimension

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



3C36AA



3128DE



7636AA



4C4C54



080094



010014

Inverse Universe

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



AA36A4



DE28D4



6AAA36



544C54



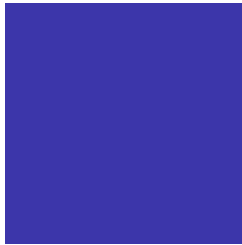
94008C



140013

Previews

White Background



This preview shows how the Hex color 3C36AA looks on a white background.

Color Contrast Check

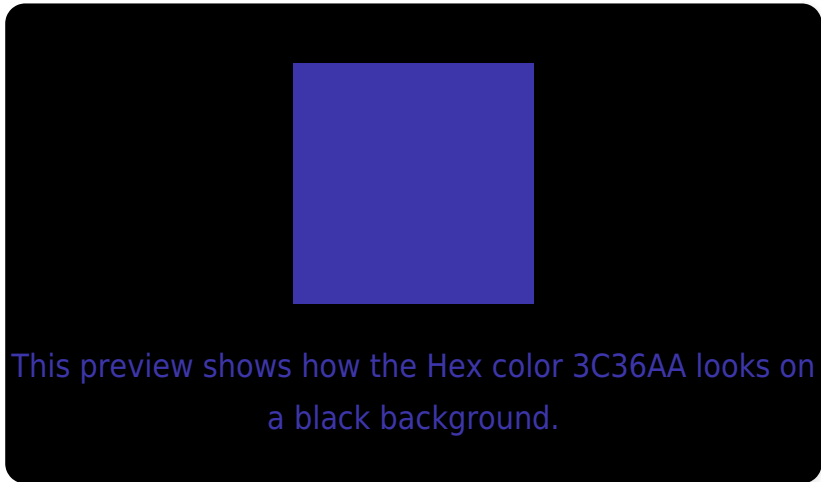
Large Text (above 18pt) WCAG AA ✓ Pass

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

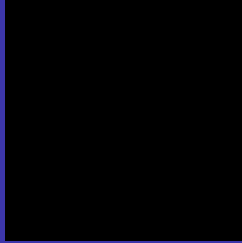
Any Text WCAG AA × Fail

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 3C36AA Background



This preview shows how black text looks on a background with the Hex color 3C36AA.



This preview shows how white text looks on a background with the Hex color 3C36AA.

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
3C36AA

Protanopia
004693

Deuteranopia
004A7E

Trichromacy



Original Color
3C36AA

Protanomaly
16409B

Deuteranomaly
16438E

Tritanomaly
164775

Monochromacy



Original Color
3C36AA

Achromatopsia
454545

Achromatomaly
42406A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C36AA 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 #3C36AA looks like.

```
.text, #text, p{  
    color:#3C36AA  
}
```

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 #3C36AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C36AA
}
```

Border

The CSS property to change the border of an element to Hex 3C36AA 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
#3C36AA }
```

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

```
.border{ border-color:#3C36AA }
```

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

Here you see how a box with a 4 pixel #3C36AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C36AA; -webkit-box-shadow:4px 4px  
4px 4px #3C36AA; box-shadow:4px 4px 4px  
4px #3C36AA }
```

Background

The CSS property to change the background color of an element to Hex 3C36AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C36AA }
```

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

```
.background{ background-color:#3C36AA }
```

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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