

Converting Colors

Hex(3612A6)

Have a look what the booklet for
Hex(3612A6) contains.

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Color

Hex(3612A6)

Conversions

Conversions Part 1

Format	Color
Hex	3612A6
RGB	54, 18, 166
RGB Percent	21%, 7%, 65%
CMY	0.7882, 0.9294, 0.3490
CMYK	0.67, 0.89, 0.00, 0.35
HSL	255°, 80%, 36%
HSV	255°, 89%, 65%
XYZ	8.6206, 3.9701, 36.3883
YIQ	45.6360, -26.0520, 53.6600

Conversions

Conversions Part 2

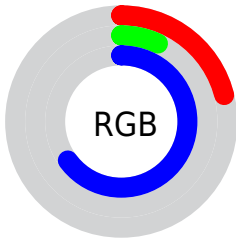
Format	Color
RYB	54, 18, 166
Decimal	3543718
CIELab	23.57, 54.08, -70.56
CIElCh	24, 88.903, 307.465
Yxy	3.9701, 0.1760, 0.0811
Android (android.graphics.Color)	4281733798 (0xFF3612A6)
YUV	45.6360, 59.3395, 7.3352
Hunter-Lab	19.9250, 42.3594, -94.3318

Details

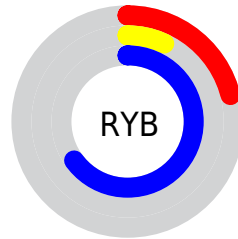
The Hex color **3612A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **82A612**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7547DE**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **2901A6**, and if you desaturate by 10%, it is **4323A6**.

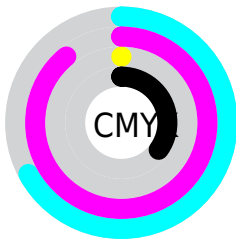
Distribution



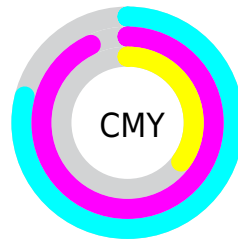
- Red (21%)
- Green (7%)
- Blue (65%)



- Red (21%)
- Yellow (7%)
- Blue (65%)



- Cyan (67%)
- Magenta (89%)
- Yellow (0%)
- Black (35%)



- Cyan (79%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3612A6 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 3612A6 by changing the saturation by 10% instead.

 3612A6

 3612A6

FFFFFF

 00008B

 7547DE

 000071

 9360FC

 000057

 B17AFF

 00063F

 CF95FF

 000328

 EDB0FF

 000111

 FFCCFF

 000000

 FFE9FF

 3612A6

 3612A6

■ 2901A6

■ 4323A6

■ 2800A6

■ 4F33A6

■ 5C44A6

■ 6854A6

■ 7565A6

■ 8176A6

■ 8E86A6

■ 9A97A6

■ A7A7A6

Harmonies

Analogous

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



0040C3



3612A6



8C006D

Triad

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



3612A6



6C1C00



004D48

Complementary

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



3612A6



82A612

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.



004B00



3612A6



373C00

Square

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



3612A6



910000



004700



004F8A

Rectangle

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



3612A6



9E0041



004700



004C31

Sweetspot

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



3612A6



AC9ED9



1283A6



534B6E



EDEDED



6E6E6E

Same Dimension

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



3612A6



3500D9



7F12A6



4E4C54



240094



050014

Inverse Universe

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



A61282



D900A4



39A612



544C52



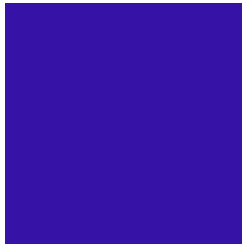
940070



14000F

Previews

White Background



This preview shows how the Hex color 3612A6 looks on a white background.

Color Contrast Check

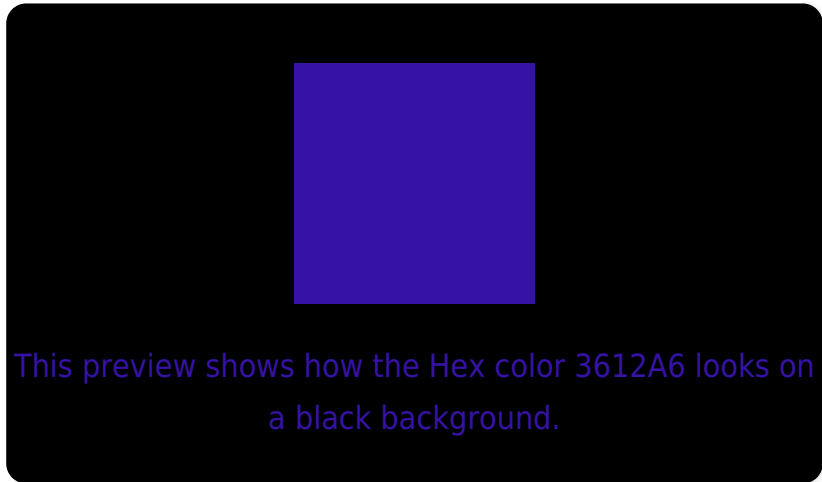
Large Text (above 18pt) WCAG AA ✓ Pass

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

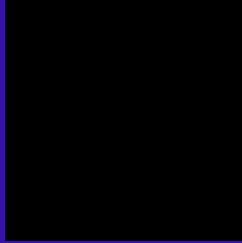
Any Text WCAG AA × Fail

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 3612A6 Background



This preview shows how black text looks on a background with the Hex color 3612A6.



This preview shows how white text looks on a background with the Hex color 3612A6.

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
3612A6

Protanopia
003774

Deuteranopia
003B63

Trichromacy



Original Color
3612A6

Protanomaly
142A86

Deuteranomaly
142C7B

Tritanomaly
142F68

Monochromacy



Original Color
3612A6

Achromatopsia
2E2E2E

Achromatomaly
31245A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3612A6 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 #3612A6 looks like.

```
.text, #text, p{  
    color:#3612A6  
}
```

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 #3612A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3612A6
}
```

Border

The CSS property to change the border of an element to Hex 3612A6 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".

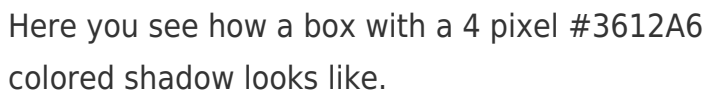
```
.border, #border, table{ border:4px solid
#3612A6 }
```

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

```
.border{ border-color:#3612A6 }
```

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

Here you see how a box with a 4 pixel #3612A6 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3612A6; -webkit-box-shadow:4px 4px  
4px 4px #3612A6; box-shadow:4px 4px 4px  
4px #3612A6 }
```

Background

The CSS property to change the background color of an element to Hex 3612A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3612A6 }
```

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

```
.background{ background-color:#3612A6 }
```

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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