

Converting Colors

Hex(3A05A6)

Have a look what the booklet for
Hex(3A05A6) contains.

Hex(3A05A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A05A6)

Conversions

Conversions Part 1

Format	Color
Hex	3A05A6
RGB	58, 5, 166
RGB Percent	23%, 2%, 65%
CMY	0.7725, 0.9804, 0.3490
CMYK	0.65, 0.97, 0.00, 0.35
HSL	260°, 94%, 34%
HSV	260°, 97%, 65%
XYZ	8.6821, 3.7613, 36.3448
YIQ	39.2010, -20.0930, 61.3070

Conversions

Conversions Part 2

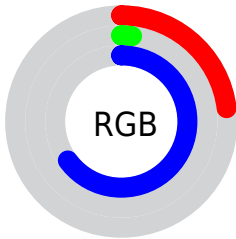
Format	Color
RYB	58, 5, 166
Decimal	3802534
CIELab	22.87, 57.66, -71.73
CIELCh	23, 92.026, 308.793
Yxy	3.7613, 0.1780, 0.0771
Android (android.graphics.Color)	4281992614 (0xFF3A05A6)
YUV	39.2010, 62.5119, 16.4867
Hunter-Lab	19.3940, 45.9700, -97.5353

Details

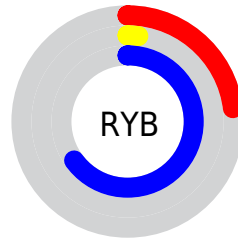
The Hex color **3A05A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **71A605**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7940DE**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **3700A6**, and if you desaturate by 10%, it is **4516A6**.

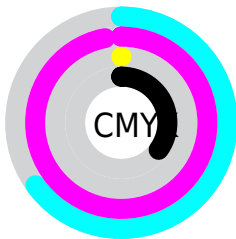
Distribution



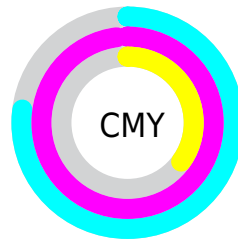
- Red (23%)
- Green (2%)
- Blue (65%)



- Red (23%)
- Yellow (2%)
- Blue (65%)



- Cyan (65%)
- Magenta (97%)
- Yellow (0%)
- Black (35%)



- Cyan (77%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A05A6 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 3A05A6 by changing the saturation by 10% instead.

■ 3A05A6

■ 3A05A6

FFFFFF

■ 0B008B

■ 7940DE

■ 000070

■ 965AFC

■ 000057

■ B475FF

■ 00063E

■ D290FF

■ 000328

■ F0ABFF

■ 000111

■ FFC7FF

■ 000000

■ FFE4FF

■ 3A05A6

■ 3A05A6

■ 3700A6

■ 4516A6

■ 5026A6

■ 5B37A6

■ 6747A6

■ 7258A6

■ 7D69A6

■ 8879A6

■ 938AA6

■ 9E9AA6

Harmonies

Analogous

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



003EC6



3A05A6



8F006A

Triad

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



3A05A6



691B00



004C4A

Complementary

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



3A05A6



71A605

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.



004A00



3A05A6



313B00

Square

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



3A05A6



900000



004600



004D8E

Rectangle

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



3A05A6



A0003D



004600



004B32

Sweetspot

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



3A05A6



AF9AD9



0573A6



54476E



EDEDED



6E6E6E

Same Dimension

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



3A05A6



4700D9



8805A6



4F4C54



310094



070014

Inverse Universe

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



A60571



D90091



23A605



544C51



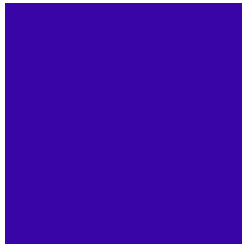
940063



14000E

Previews

White Background



This preview shows how the Hex color 3A05A6 looks on a white background.

Color Contrast Check

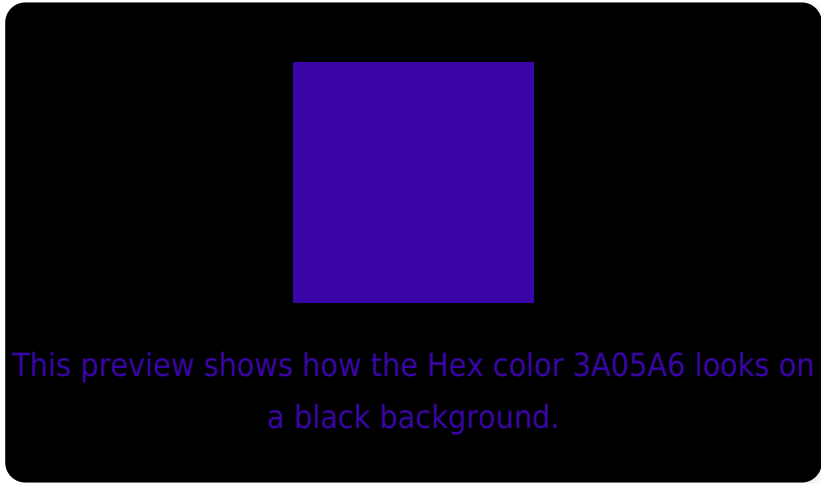
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A05A6 Background



This preview shows how black text looks on a background with the Hex color 3A05A6.



This preview shows how white text looks on a background with the Hex color 3A05A6.

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
3A05A6

Protanopia
003773

Deuteranopia
003B62



Tritanopia
003F43

Trichromacy



Original Color
3A05A6

Protanomaly
152586

Deuteranomaly
15277B

Tritanomaly
152A67

Monochromacy



Original Color
3A05A6

Achromatopsia
272727

Achromatomaly
2E1B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A05A6 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 #3A05A6 looks like.

```
.text, #text, p{  
    color:#3A05A6  
}
```

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 #3A05A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A05A6
}
```

Border

The CSS property to change the border of an element to Hex 3A05A6 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".

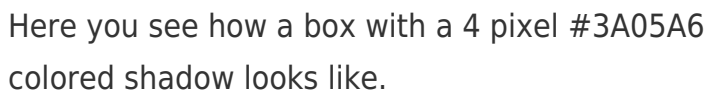
```
.border, #border, table{ border:4px solid
#3A05A6 }
```

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

```
.border{ border-color:#3A05A6 }
```

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

Here you see how a box with a 4 pixel #3A05A6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A05A6; -webkit-box-shadow:4px 4px  
4px 4px #3A05A6; box-shadow:4px 4px 4px  
4px #3A05A6 }
```

Background

The CSS property to change the background color of an element to Hex 3A05A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A05A6 }
```

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

```
.background{ background-color:#3A05A6 }
```

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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