

Converting Colors

Hex(3A05D7)

Have a look what the booklet for
Hex(3A05D7) contains.

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Color

Hex(3A05D7)

Conversions

Conversions Part 1

Format	Color
Hex	3A05D7
RGB	58, 5, 215
RGB Percent	23%, 2%, 84%
CMY	0.7725, 0.9804, 0.1569
CMYK	0.73, 0.98, 0.00, 0.16
HSL	255°, 95%, 43%
HSV	255°, 98%, 84%
XYZ	14.0649, 5.9144, 64.6903
YIQ	44.7870, -35.8220, 76.5460

Conversions

Conversions Part 2

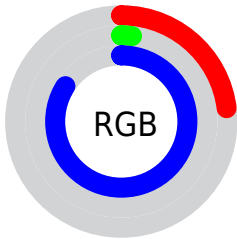
Format	Color
R _Y B	58, 5, 215
Decimal	3802583
CIE Lab	29.20, 69.66, -90.21
CIE LCh	29, 113.975, 307.674
Yxy	5.9144, 0.1661, 0.0699
Android (android.graphics.Color)	4281992663 (0xFF3A05D7)
YUV	44.7870, 83.9150, 11.5878
Hunter-Lab	24.3195, 60.6746, -140.6887

Details

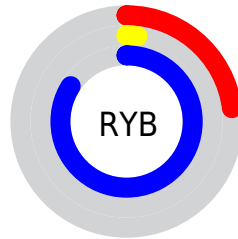
The Hex color **3A05D7** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A2D705**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8347FF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **3600D7**, and if you desaturate by 10%, it is **4A1BD7**.

Distribution



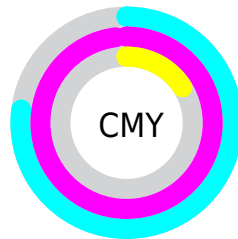
- Red (23%)
- Green (2%)
- Blue (84%)



- Red (23%)
- Yellow (2%)
- Blue (84%)



- Cyan (73%)
- Magenta (98%)
- Yellow (0%)
- Black (16%)



- Cyan (77%)
- Magenta (98%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A05D7 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 3A05D7 by changing the saturation by 10% instead.

■ 3A05D7

■ 3A05D7

FFFFFF

■ 0000BA

■ 8347FF

■ 00009E

■ A362FF

■ 000083

■ C27DFF

■ 000069

■ E298FF

■ 000A4F

■ FF84FF

■ 000538

■ FFD1FF

■ 000221

■ FFEEFF

■ 000006

■ 000000

■ 3A05D7

■ 3A05D7

■ 3600D7

■ 4A1BD7

■ 5A30D7

■ 6A46D7

■ 7A5BD7

■ 8A71D7

■ 9A86D7

■ AB9CD7

■ BBB1D7

■ CBC7D7

Harmonies

Analogous

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



0051FE



3A05D7



B4008A

Triad

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



3A05D7



871C00



005E5B

Complementary

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



3A05D7



A2D705

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.



005C00



3A05D7



404A00

Square

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



3A05D7



B80000



005800



0061B3

Rectangle

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



3A05D7



CB0051



005800



005D3C

Sweetspot

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



3A05D7



C8B5FF



05A3D7



5E5380



000000



808080

Same Dimension

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



3A05D7



4000FF



A305D7



63606B



2B00AB



0B002B

Inverse Universe

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



D705A2



FF00BF



3AD705



6B6068



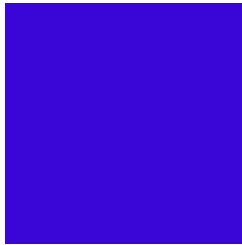
AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 3A05D7 looks on a white background.

Color Contrast Check

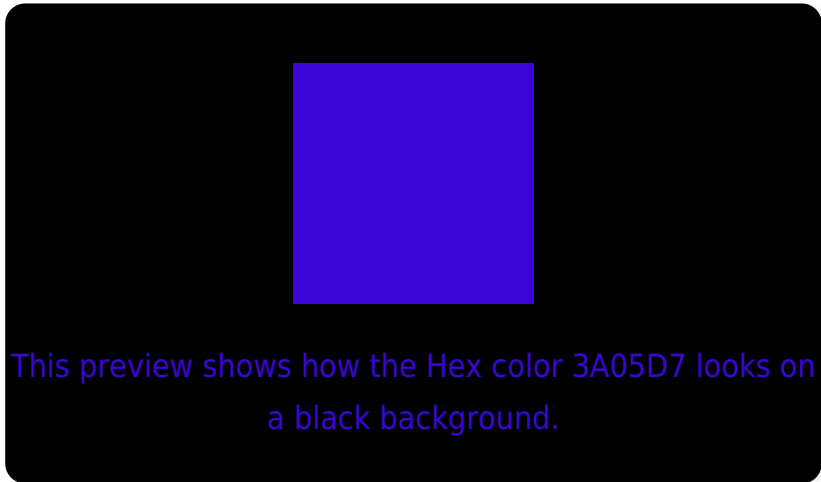
Large Text (above 18pt) WCAG AA ✓ Pass

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

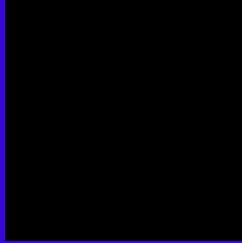
Any Text WCAG AA × Fail

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 3A05D7 Background



This preview shows how black text looks on a background with the Hex color 3A05D7.




This preview shows how white text looks on a background with the Hex color 3A05D7.

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





Tritanopia
004E52

Trichromacy



Original Color
3A05D7

Protanomaly
152DA9

Deuteranomaly
15309B

Tritanomaly
153382

Monochromacy



Original Color
3A05D7

Achromatopsia
2D2D2D

Achromatomaly
321E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A05D7 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 #3A05D7 looks like.

```
.text, #text, p{  
    color:#3A05D7  
}
```

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 #3A05D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A05D7
}
```

Border

The CSS property to change the border of an element to Hex 3A05D7 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
#3A05D7 }
```

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

```
.border{ border-color:#3A05D7 }
```

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

Here you see how a box with a 4 pixel #3A05D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A05D7; -webkit-box-shadow:4px 4px  
4px 4px #3A05D7; box-shadow:4px 4px 4px  
4px #3A05D7 }
```

Background

The CSS property to change the background color of an element to Hex 3A05D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A05D7 }
```

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

```
.background{ background-color:#3A05D7 }
```

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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