

Converting Colors

Hex(0540AA)

Have a look what the booklet for
Hex(0540AA) contains.

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Color

Hex(0540AA)

Conversions

Conversions Part 1

Format	Color
Hex	0540AA
RGB	5, 64, 170
RGB Percent	2%, 25%, 67%
CMY	0.9804, 0.7490, 0.3333
CMYK	0.97, 0.62, 0.00, 0.33
HSL	219°, 94%, 34%
HSV	219°, 97%, 67%
XYZ	9.1517, 6.6013, 38.8220
YIQ	58.4430, -69.1900, 20.4580

Conversions

Conversions Part 2

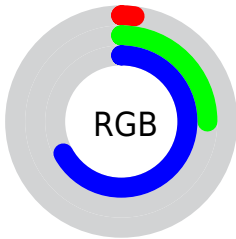
Format	Color
RYB	5, 48, 170
Decimal	344234
CIELab	30.88, 27.09, -60.99
CIElCh	31, 66.737, 293.953
Yxy	6.6013, 0.1677, 0.1210
Android (android.graphics.Color)	4278534314 (0xFF0540AA)
YUV	58.4430, 54.9976, -46.8695
Hunter-Lab	25.6931, 18.6175, -71.6016

Details

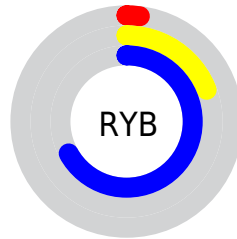
The Hex color **0540AA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AA6F05**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5C6FE2**, and **001775** is the 20% darker color. If you saturate the color by 10%, you get **003DAA**, and if you desaturate by 10%, it is **164BAA**.

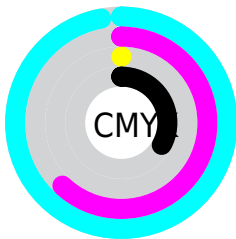
Distribution



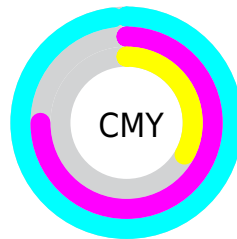
- Red (2%)
- Green (25%)
- Blue (67%)



- Red (2%)
- Yellow (19%)
- Blue (67%)



- Cyan (97%)
- Magenta (62%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0540AA 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 0540AA by changing the saturation by 10% instead.

■ 0540AA

■ 0540AA

FFFFFF

■ 002B8F

■ 5C6FE2

■ 001775

■ 7A88FF

■ 00005B

■ 98A3FF

■ 000743

■ B6BEFF

■ 00032C

■ D4D9FF

■ 000116

■ F2F6FF

■ 000000

■ 0540AA

■ 0540AA

■ 003DAA

■ 164BAA

■ 2756AA

■ 3861AA

■ 496CAA

■ 5A77AA

■ 6B82AA

■ 7C8CAA

■ 8D97AA

■ 9EA2AA

Harmonies

Analogous

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



0053B3



0540AA



7A1987

Triad

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



0540AA



882700



005C3C

Complementary

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



0540AA



AA6F05

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.



005900



0540AA



634300

Square

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



0540AA



9D0023



315200



005D72

Rectangle

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



0540AA



940067



315200



005C29

Sweetspot

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



0540AA



9EB5DE



05AA6D



495770



F0F0F0



707070

Same Dimension

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



0540AA



004FDE



1B05AA



4C4F54



003594



000714

Inverse Universe

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



AA0540



DE004F



94AA05



544C4F



940035



140007

Previews

White Background



This preview shows how the Hex color 0540AA looks on a white background.

Color Contrast Check

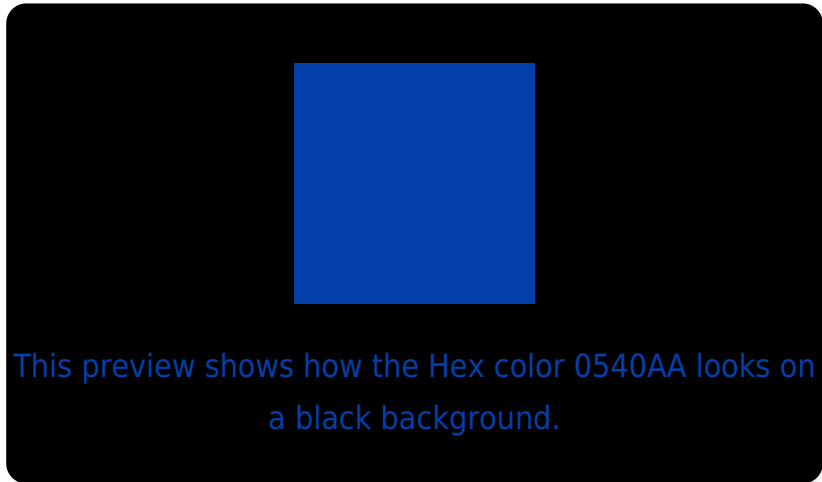
Large Text (above 18pt) WCAG AA ✓ Pass

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

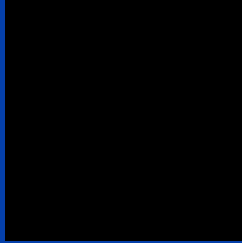
Any Text WCAG AA × Fail

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 0540AA Background



This preview shows how black text looks on a background with the Hex color 0540AA.



This preview shows how white text looks on a background with the Hex color 0540AA.

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

0540AA

Protanopia

004694

Deuteranopia

004B7F

Trichromacy



Original Color

0540AA

Protanomaly

02449C

Deuteranomaly

02478F

Tritanomaly

024B75

Monochromacy



Original Color

0540AA

Achromatopsia

3A3A3A

Achromatomaly

273C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 0540AA 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 #0540AA looks like.

```
.text, #text, p{  
    color:#0540AA  
}
```

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 #0540AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0540AA
}
```

Border

The CSS property to change the border of an element to Hex 0540AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

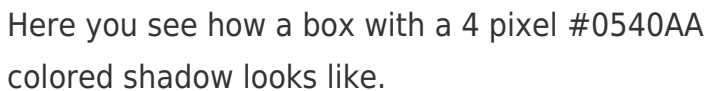
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0540AA }
```

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

```
.border{ border-color:#0540AA }
```

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



Here you see how a box with a 4 pixel #0540AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0540AA; -webkit-box-shadow:4px 4px  
4px 4px #0540AA; box-shadow:4px 4px 4px  
4px #0540AA }
```

Background

The CSS property to change the background color of an element to Hex 0540AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0540AA }
```

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

```
.background{ background-color:#0540AA }
```

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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