

Converting Colors

Hex(0052AE)

Have a look what the booklet for
Hex(0052AE) contains.

Hex(0052AE)	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(0052AE)

Conversions

Conversions Part 1

Format	Color
Hex	0052AE
RGB	0, 82, 174
RGB Percent	0%, 32%, 68%
CMY	1.0000, 0.6784, 0.3176
CMYK	1.00, 0.53, 0.00, 0.32
HSL	212°, 100%, 34%
HSV	212°, 100%, 68%
XYZ	10.6573, 9.0906, 41.2374
YIQ	67.9700, -78.4040, 11.2280

Conversions

Conversions Part 2

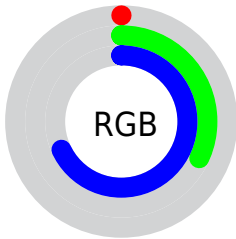
Format	Color
RYB	0, 56, 174
Decimal	21166
CIELab	36.16, 16.29, -54.77
CIELCh	36, 57.144, 286.558
Yxy	9.0906, 0.1748, 0.1491
Android (android.graphics.Color)	4278211246 (0xFF0052AE)
YUV	67.9700, 52.2728, -59.6097
Hunter-Lab	30.1506, 10.3306, -59.9863

Details

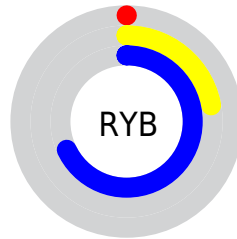
The Hex color **0052AE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AE5C00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5B83E6**, and **002779** is the 20% darker color. If you saturate the color by 10%, you get **0052AE**, and if you desaturate by 10%, it is **115BAE**.

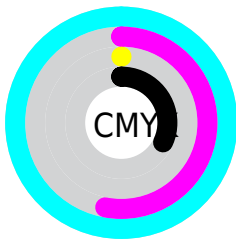
Distribution



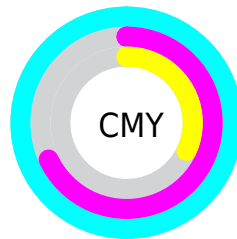
- Red (0%)
- Green (32%)
- Blue (68%)



- Red (0%)
- Yellow (22%)
- Blue (68%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (68%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0052AE 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 0052AE by changing the saturation by 10% instead.

 0052AE

 0052AE

FFFFFF

 003C93

 5B83E6

 002779

 799DFF

 00145F

 97B7FF

 000847

 B5D3FF

 00042F


 D3EFFF

 00011A

 F1FFFF

 000000

 0052AE

 115BAE

■ 2364AE

■ 346EAE

■ 4677AE

■ 5780AE

■ 6889AE

■ 7A92AE

■ 8B9CAE

■ 9DA5AE

Harmonies

Analogous

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



0060AF



0052AE



753B95

Triad

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



0052AE



963511



00683E

Complementary

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



0052AE



AE5C00

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.



0B6309



0052AE



794B00

Square

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



0052AE



A41C3E



505B00



00696E

Rectangle

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



0052AE



92287A



505B00



00672E

Sweetspot

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



0052AE



9FBFE3



00AE5A



495D73



F2F2F2



737373

Same Dimension

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



0052AE



006BE3



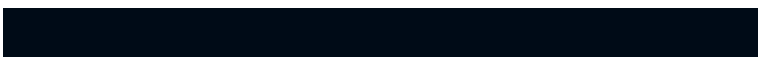
0300AE



4E5257



004796



000B17

Inverse Universe

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



AE0052



E3006B



ABAE00



574E52



960047



17000B

Previews

White Background



This preview shows how the Hex color 0052AE looks on a white background.

Color Contrast Check

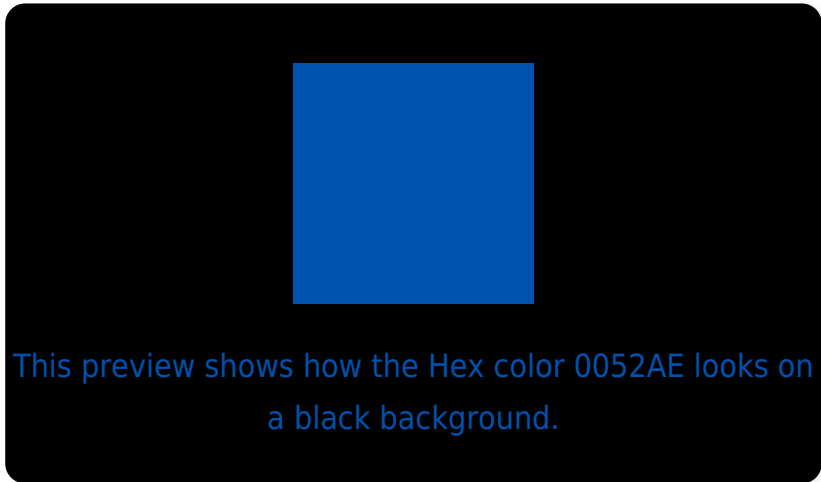
Large Text (above 18pt) WCAG AA ✓ Pass

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

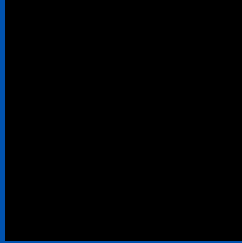
Any Text WCAG AA × Fail

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 0052AE Background



This preview shows how black text looks on a background with the Hex color 0052AE.



This preview shows how white text looks on a background with the Hex color 0052AE.

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
0052AE

Protanopia
0A52AE

Deuteranopia
005797



Tritanopia
005F65

Trichromacy



Original Color
0052AE

Protanomaly
0652AE

Deuteranomaly
00559F

Tritanomaly
005A80

Monochromacy



Original Color
0052AE

Achromatopsia
444444

Achromatomaly
2B496B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0052AE 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 #0052AE looks like.

```
.text, #text, p{  
    color:#0052AE  
}
```

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 #0052AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0052AE
}
```

Border

The CSS property to change the border of an element to Hex 0052AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

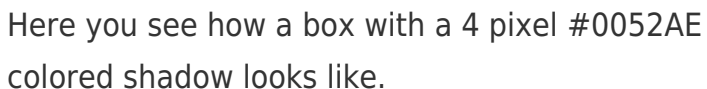
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0052AE }
```

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

```
.border{ border-color:#0052AE }
```

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



Here you see how a box with a 4 pixel #0052AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0052AE; -webkit-box-shadow:4px 4px  
4px 4px #0052AE; box-shadow:4px 4px 4px  
4px #0052AE }
```

Background

The CSS property to change the background color of an element to Hex 0052AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0052AE }
```

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

```
.background{ background-color:#0052AE }
```

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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