

Converting Colors

Hex(0053A0)

Have a look what the booklet for
Hex(0053A0) contains.

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Color

Hex(0053A0)

Conversions

Conversions Part 1

Format	Color
Hex	0053A0
RGB	0, 83, 160
RGB Percent	0%, 33%, 63%
CMY	1.0000, 0.6745, 0.3725
CMYK	1.00, 0.48, 0.00, 0.37
HSL	209°, 100%, 31%
HSV	209°, 100%, 63%
XYZ	9.4384, 8.7246, 34.4443
YIQ	66.9610, -74.1850, 6.3510

Conversions

Conversions Part 2

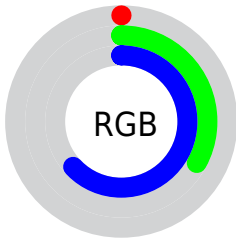
Format	Color
RYB	0, 55, 160
Decimal	21408
CIELab	35.45, 9.78, -47.57
CIELCh	35, 48.565, 281.615
Yxy	8.7246, 0.1794, 0.1658
Android (android.graphics.Color)	4278211488 (0xFF0053A0)
YUV	66.9610, 45.8682, -58.7248
Hunter-Lab	29.5374, 5.3477, -48.4633

Details

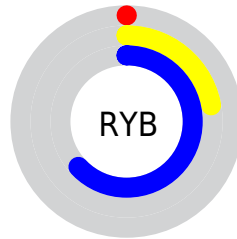
The Hex color **0053A0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A04D00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5684D7**, and **00276C** is the 20% darker color. If you saturate the color by 10%, you get **0053A0**, and if you desaturate by 10%, it is **105BA0**.

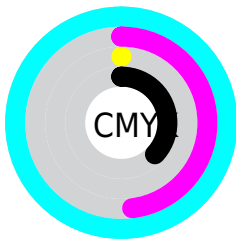
Distribution



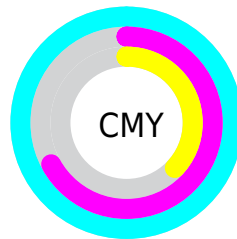
- Red (0%)
- Green (33%)
- Blue (63%)



- Red (0%)
- Yellow (22%)
- Blue (63%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0053A0 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 0053A0 by changing the saturation by 10% instead.

 0053A0

 0053A0

FFFFFF

 003C85

 5684D7

 00276C

 749EF4

 001453

 91B9FF

 00063B

 AFD4FF

 000224

 CCF0FF

 00010D

 EAFFFF

 000000

 0053A0

 105BA0

■ 2062A0

■ 306AA0

■ 4072A0

■ 5079A0

■ 6081A0

■ 7089A0

■ 8091A0

■ 9098A0

Harmonies

Analogous

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



005E9D



0053A0



68428E

Triad

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



0053A0



903721



006339

Complementary

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



0053A0



A04D00

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.



2B5F11



0053A0



784900

Square

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



0053A0



982946



575600



006562

Rectangle

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



0053A0



833579



575600



00622C

Sweetspot

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



0053A0



92B3D1



00A04B



435669



E8E8E8



696969

Same Dimension

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



0053A0



006CD1



0005A0



474B4F



004A8F



00080F

Inverse Universe

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



A00053



D1006C



A09B00



4F474B



8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 0053A0 looks on a white background.

Color Contrast Check

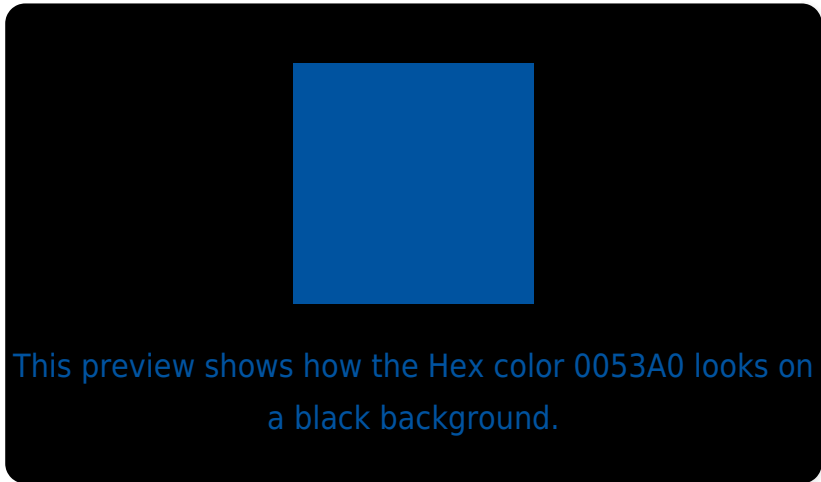
Large Text (above 18pt) WCAG AA ✓ Pass

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

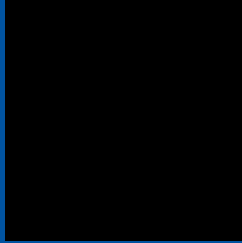
Any Text WCAG AA × Fail

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 0053A0 Background



This preview shows how black text looks on a background with the Hex color 0053A0.



This preview shows how white text looks on a background with the Hex color 0053A0.

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
005D63

Trichromacy



Original Color
0053A0

Protanomaly
1A529F

Deuteranomaly
005499

Tritanomaly
005979

Monochromacy



Original Color
0053A0

Achromatopsia
434343

Achromatomaly
2B4965

CSS Examples

Text

The CSS property to change the color of the text to Hex 0053A0 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 #0053A0 looks like.

```
.text, #text, p{  
    color:#0053A0  
}
```

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 #0053A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0053A0
}
```

Border

The CSS property to change the border of an element to Hex 0053A0 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
#0053A0 }
```

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

```
.border{ border-color:#0053A0 }
```

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

Here you see how a box with a 4 pixel #0053A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0053A0; -webkit-box-shadow:4px 4px  
4px 4px #0053A0; box-shadow:4px 4px 4px  
4px #0053A0 }
```

Background

The CSS property to change the background color of an element to Hex 0053A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0053A0 }
```

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

```
.background{ background-color:#0053A0 }
```

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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