

# Converting Colors

Hex(0062A5)

Have a look what the booklet for  
Hex(0062A5) contains.

<b>Hex(0062A5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0062A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0062A5
RGB	0, 98, 165
RGB Percent	0%, 38%, 65%
CMY	1.0000, 0.6157, 0.3529
CMYK	1.00, 0.41, 0.00, 0.35
HSL	204°, 100%, 32%
HSV	204°, 100%, 65%
XYZ	11.1592, 11.4520, 37.2196
YIQ	76.3360, -79.9150, 0.0610

# Conversions

## Conversions Part 2

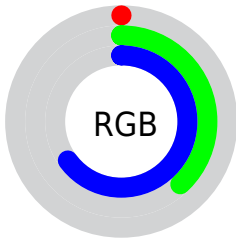
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 165
Decimal	25253
CIELab	40.33, 2.02, -42.72
CIELCh	40, 42.765, 272.712
Yxy	11.4520, 0.1865, 0.1914
Android (android.graphics.Color)	4278215333 (0xFF0062A5)
YUV	76.3360, 43.7114, -66.9467
Hunter-Lab	33.8408, -0.3598, -41.5213

# Details

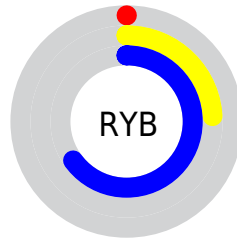
The Hex color **0062A5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A54300**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5794DC**, and **003471** is the 20% darker color. If you saturate the color by 10%, you get **0062A5**, and if you desaturate by 10%, it is **1069A5**.

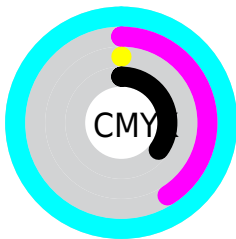
# Distribution



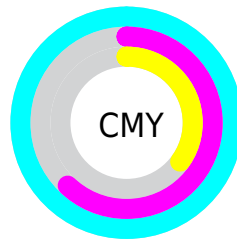
- Red (0%)
- Green (38%)
- Blue (65%)



- Red (0%)
- Yellow (24%)
- Blue (65%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (62%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0062A5 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 0062A5 by changing the saturation by 10% instead.



■ 0062A5

■ 0062A5

FFFFFF

■ 004B8A

■ 5794DC

■ 003471

■ 76AFF9

■ 002058

■ 93CAFF

■ 000640

■ B0E6FF

■ 000329

■ CEFFFF

■ 000113

■ ECFFFF

■ 000000

■ 0062A5

■ 1069A5

■ 216FA5

■ 3276A5

■ 427DA5

■ 5283A5

■ 638AA5

■ 7391A5

■ 8498A5

■ 949EA5

# Harmonies

## Analogous

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



006B9D



0062A5



64549A

# Triad

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



0062A5



9C443B



0D6D3D

# Complementary

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



0062A5



A54300

# 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.



4B681F



0062A5



8A511F

# Square

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



0062A5



9D3E5D



6E5E11



007061

# Rectangle

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



0062A5



814A8A



6E5E11



2B6C32



# Sweetspot

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



0062A5



96BCD6



00A542



455B6B



EBEBEB



6B6B6B



# Same Dimension

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



0062A5



007FD6



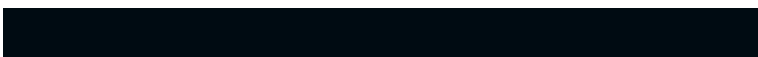
0010A5



494E52



005691



000B12



# Inverse Universe

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



A50062



D6007F



A59400



52494E



910056



12000B



# Previews

## White Background



This preview shows how the Hex color 0062A5 looks on a white background.

## Color Contrast Check

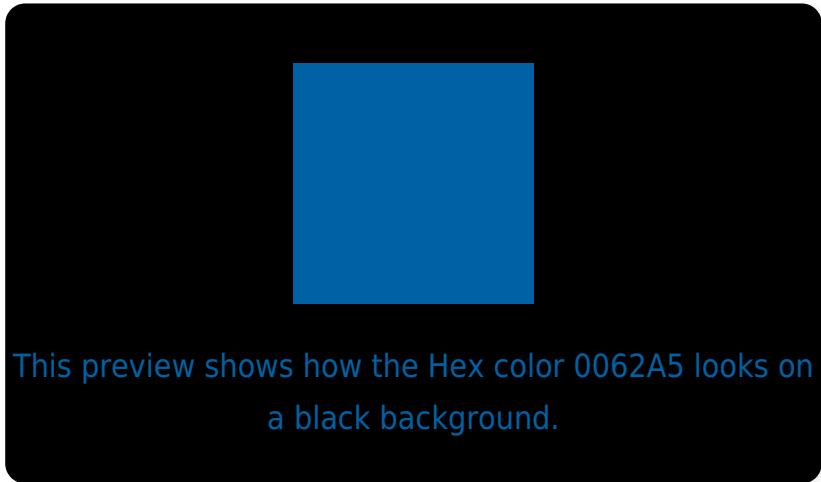
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

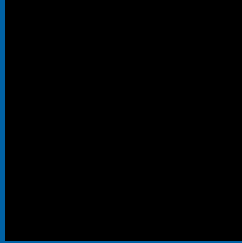
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0062A5 Background



This preview shows how black text looks on a background with the Hex color 0062A5.

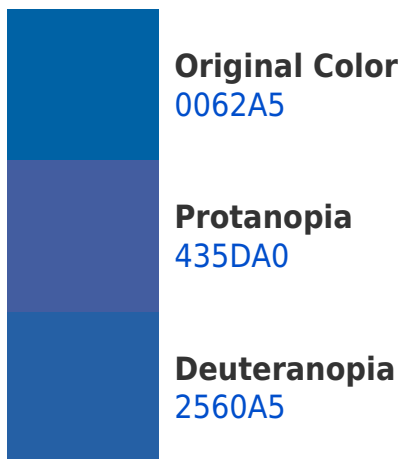


This preview shows how white text looks on a background with the Hex color 0062A5.

# 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](#).

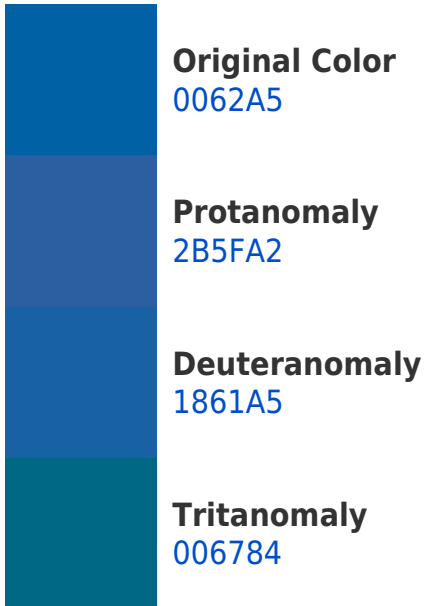
## Dichromacy



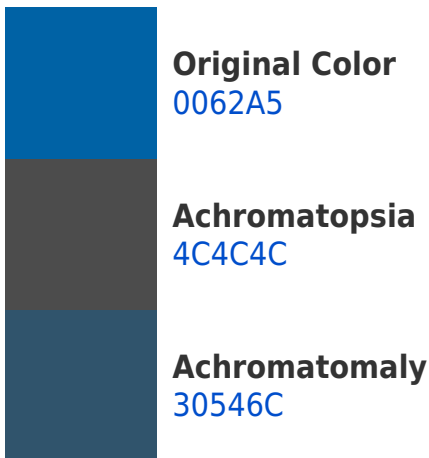


**Tritanopia**  
006A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0062A5 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 #0062A5 looks like.

```
.text, #text, p{  
    color:#0062A5  
}
```

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 #0062A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0062A5
}
```

## Border

The CSS property to change the border of an element to Hex 0062A5 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
#0062A5 }
```

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

```
.border{ border-color:#0062A5 }
```

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

Here you see how a box with a 4 pixel #0062A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0062A5; -webkit-box-shadow:4px 4px  
4px 4px #0062A5; box-shadow:4px 4px 4px  
4px #0062A5 }
```

# Background

The CSS property to change the background color of an element to Hex 0062A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0062A5 }
```

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

```
.background{ background-color:#0062A5 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor