

Converting Colors

Hex(0082A5)

Have a look what the booklet for
Hex(0082A5) contains.

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Color

Hex(0082A5)

Conversions

Conversions Part 1

Format	Color
Hex	0082A5
RGB	0, 130, 165
RGB Percent	0%, 51%, 65%
CMY	1.0000, 0.4902, 0.3529
CMYK	1.00, 0.21, 0.00, 0.35
HSL	193°, 100%, 32%
HSV	193°, 100%, 65%
XYZ	14.7742, 18.6819, 38.4246
YIQ	95.1200, -88.7150, -16.6750

Conversions

Conversions Part 2

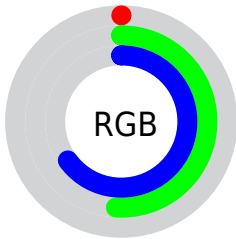
Format	Color
RYB	0, 73, 165
Decimal	33445
CIELab	50.31, -16.99, -27.00
CIELCh	50, 31.903, 237.816
Yxy	18.6819, 0.2055, 0.2599
Android (android.graphics.Color)	4278223525 (0xFF0082A5)
YUV	95.1200, 34.4508, -83.4202
Hunter-Lab	43.2225, -14.6252, -22.4527

Details

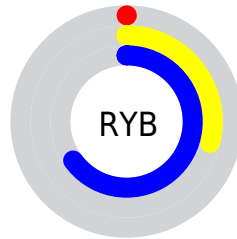
The Hex color **0082A5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A52300**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **59B7DC**, and **005171** is the 20% darker color. If you saturate the color by 10%, you get **0082A5**, and if you desaturate by 10%, it is **1086A5**.

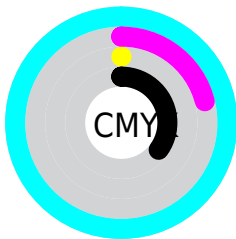
Distribution



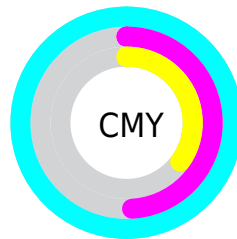
- Red (0%)
- Green (51%)
- Blue (65%)



- Red (0%)
- Yellow (29%)
- Blue (65%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0082A5 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 0082A5 by changing the saturation by 10% instead.

 0082A5

 0082A5

FFFFFF

 00698B

 59B7DC

 005171

 78D3F9

 003958


 95EFFF

 002441

 B3FFFF

 00052B

 D1FFFF

 000115

 EFFFFFF

 000000

 0082A5

 1086A5

■ 2189A5

■ 328DA5

■ 4290A5

■ 5293A5

■ 6397A5

■ 739BA5

■ 849EA5

■ 94A1A5

Harmonies

Analogous

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



008690



0082A5



4A7BAE

Triad

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



0082A5



A9627B



6F7E47

Complementary

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



0082A5



A52300

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.



8B7541



0082A5



AB6460

Square

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



0082A5



986895



A06C4B



4F835A

Rectangle

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



0082A5



6A75AB



A06C4B



797B43

Sweetspot

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



0082A5



96C9D6



00A521



45636B



EBEBEB



6B6B6B

Same Dimension

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



0082A5



00A9D6



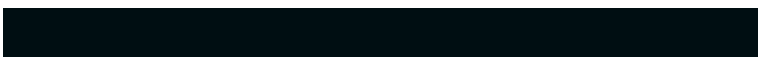
0031A5



495052



007391



000E12

Inverse Universe

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



A50082



D600A9



A57300



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color 0082A5 looks on a white background.

Color Contrast Check

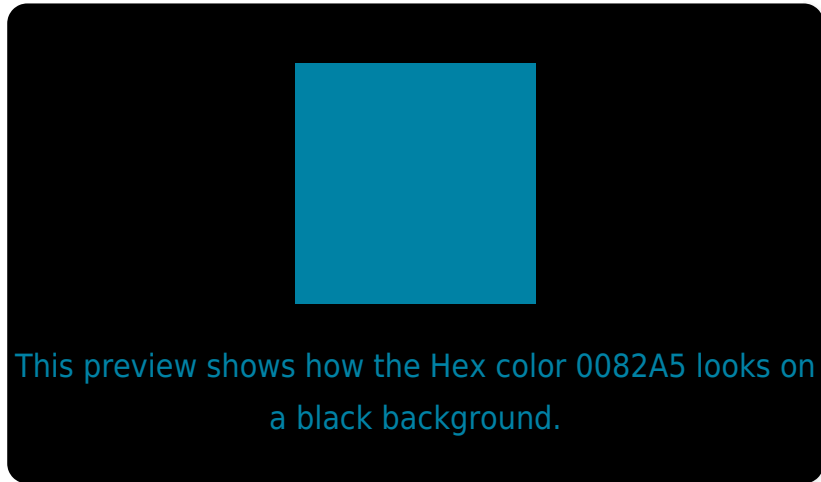
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

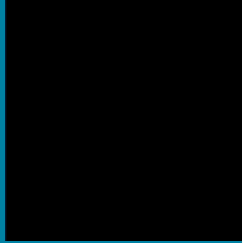
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 0082A5 Background



This preview shows how black text looks on a background with the Hex color 0082A5.



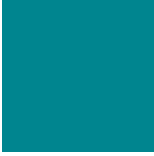
This preview shows how white text looks on a background with the Hex color 0082A5.

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
00858F

Trichromacy



Original Color
0082A5



Protanomaly
457A9F



Deuteranomaly
417AA7



Tritanomaly
008497

Monochromacy



Original Color
0082A5



Achromatopsia
5F5F5F



Achromatomaly
3C6C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 0082A5 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 #0082A5 looks like.

```
.text, #text, p{  
    color:#0082A5  
}
```

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 #0082A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082A5
}
```

Border

The CSS property to change the border of an element to Hex 0082A5 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
#0082A5 }
```

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

```
.border{ border-color:#0082A5 }
```

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

Here you see how a box with a 4 pixel #0082A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082A5; -webkit-box-shadow:4px 4px  
4px 4px #0082A5; box-shadow:4px 4px 4px  
4px #0082A5 }
```

Background

The CSS property to change the background color of an element to Hex 0082A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082A5 }
```

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

```
.background{ background-color:#0082A5 }
```

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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