

Converting Colors

Hex(0142A5)

Have a look what the booklet for
Hex(0142A5) contains.

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Color

Hex(0142A5)

Conversions

Conversions Part 1

Format	Color
Hex	0142A5
RGB	1, 66, 165
RGB Percent	0%, 26%, 65%
CMY	0.9961, 0.7412, 0.3529
CMYK	0.99, 0.60, 0.00, 0.35
HSL	216°, 99%, 33%
HSV	216°, 99%, 65%
XYZ	8.7523, 6.6195, 36.4137
YIQ	57.8510, -70.5190, 17.0090

Conversions

Conversions Part 2

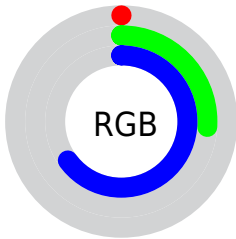
Format	Color
R _Y B	1, 48, 165
Decimal	82597
CIE Lab	30.92, 23.53, -57.92
CIE LCh	31, 62.515, 292.106
Yxy	6.6195, 0.1690, 0.1278
Android (android.graphics.Color)	4278272677 (0xFF0142A5)
YUV	57.8510, 52.8245, -49.8583
Hunter-Lab	25.7284, 15.6974, -65.9040

Details

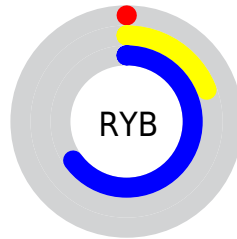
The Hex color **0142A5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A56401**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5971DD**, and **001970** is the 20% darker color. If you saturate the color by 10%, you get **0041A5**, and if you desaturate by 10%, it is **114CA5**.

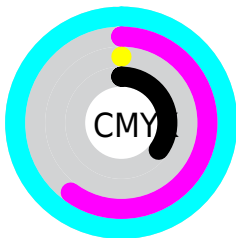
Distribution



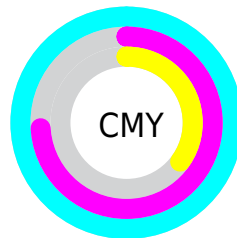
- Red (0%)
- Green (26%)
- Blue (65%)



- Red (0%)
- Yellow (19%)
- Blue (65%)



- Cyan (99%)
- Magenta (60%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (74%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0142A5 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 0142A5 by changing the saturation by 10% instead.

0142A5

0142A5

FFFFFF

002D8A

5971DD

001970

778BFA

000057

95A5FF

00063F

B2C0FF

000328

D0DBFF

000111

EEF8FF

000000

0142A5

0142A5

0041A5

114CA5

■ 2256A5

■ 3260A5

■ 436AA5

■ 5374A5

■ 647EA5

■ 7488A5

■ 8592A5

■ 959CA5

Harmonies

Analogous

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



0053AB



0142A5



742386

Triad

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



0142A5



862800



005C3A

Complementary

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



0142A5



A56401

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.



005800



0142A5



654200

Square

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



0142A5



990028



385100



005D6D

Rectangle

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



0142A5



8E0068



385100



005B28

Sweetspot

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



0142A5



96AFD6



01A563



45546B



EBEBEB



6B6B6B

Same Dimension

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



0142A5



0055D6



1101A5



494D52



003A91



000712

Inverse Universe

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



A50142



D60055



95A501



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 0142A5 looks on a white background.

Color Contrast Check

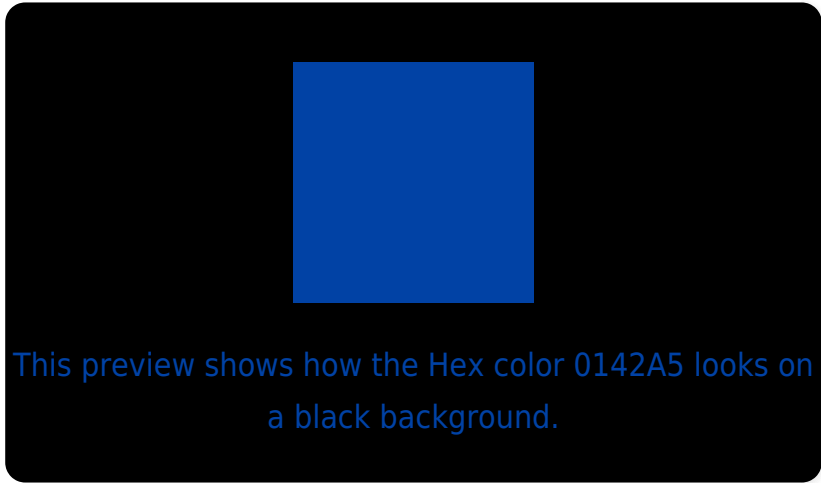
Large Text (above 18pt) WCAG AA ✓ Pass

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

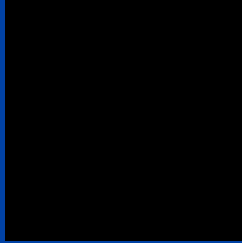
Any Text WCAG AA × Fail

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 0142A5 Background



This preview shows how black text looks on a background with the Hex color 0142A5.



This preview shows how white text looks on a background with the Hex color 0142A5.

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


0142A5

Protanopia

004695

Deuteranopia

004B80



Tritanopia
005156

Trichromacy



Original Color
0142A5

Protanomaly
00459B

Deuteranomaly
00488D

Tritanomaly
004C73

Monochromacy



Original Color
0142A5

Achromatopsia
3A3A3A

Achromatomaly
253D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 0142A5 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 #0142A5 looks like.

```
.text, #text, p{  
    color:#0142A5  
}
```

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 #0142A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0142A5
}
```

Border

The CSS property to change the border of an element to Hex 0142A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

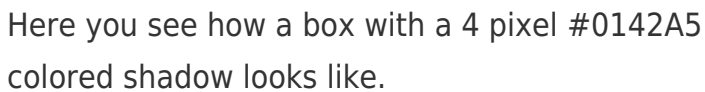
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0142A5 }
```

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

```
.border{ border-color:#0142A5 }
```

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



Here you see how a box with a 4 pixel #0142A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0142A5; -webkit-box-shadow:4px 4px  
4px 4px #0142A5; box-shadow:4px 4px 4px  
4px #0142A5 }
```

Background

The CSS property to change the background color of an element to Hex 0142A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0142A5 }
```

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

```
.background{ background-color:#0142A5 }
```

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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