

Converting Colors

Hex(0935A5)

Have a look what the booklet for
Hex(0935A5) contains.

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Color

Hex(0935A5)

Conversions

Conversions Part 1

Format	Color
Hex	0935A5
RGB	9, 53, 165
RGB Percent	4%, 21%, 65%
CMY	0.9647, 0.7922, 0.3529
CMYK	0.95, 0.68, 0.00, 0.35
HSL	223°, 90%, 34%
HSV	223°, 95%, 65%
XYZ	8.1773, 5.3209, 36.1934
YIQ	52.6120, -62.1760, 25.5040

Conversions

Conversions Part 2

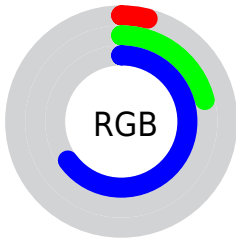
Format	Color
R _Y B	9, 43, 165
Decimal	603557
CIE Lab	27.63, 32.67, -63.32
CIE LCh	28, 71.250, 297.291
Yxy	5.3209, 0.1646, 0.1071
Android (android.graphics.Color)	4278793637 (0xFF0935A5)
YUV	52.6120, 55.4073, -38.2477
Hunter-Lab	23.0671, 22.9110, -76.8820

Details

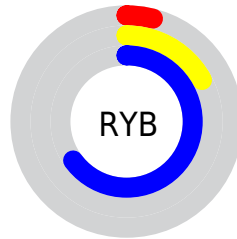
The Hex color **0935A5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A57909**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5C63DD**, and **000E70** is the 20% darker color. If you saturate the color by 10%, you get **002FA5**, and if you desaturate by 10%, it is **1941A5**.

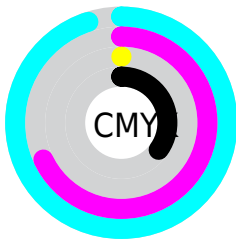
Distribution



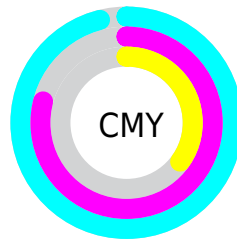
- Red (4%)
- Green (21%)
- Blue (65%)



- Red (4%)
- Yellow (17%)
- Blue (65%)



- Cyan (95%)
- Magenta (68%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (79%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0935A5 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 0935A5 by changing the saturation by 10% instead.

■ 0935A5

■ 0935A5

FFFFFF

■ 00208A

■ 5C63DD

■ 000E70

■ 7A7CFA

■ 000057

■ 9896FF

■ 00063E

■ B6B1FF

■ 000327

■ D4CCFF

■ 000111

■ F2E9FF

■ 000000

■ 0935A5

■ 0935A5

■ 002FA5

■ 1941A5

 2A4DA5

 3A59A5

 4B64A5

 5B70A5

 6C7CA5

 7C88A5

 8D94A5

 9DA0A5

Harmonies

Analogous

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



004BB2



0935A5



7A007E

Triad

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



0935A5



7D2000



00553B

Complementary

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



0935A5



A57909

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.



005200



0935A5



553E00

Square

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



0935A5



960014



1B4C00



005673

Rectangle

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



0935A5



92005B



1B4C00



005427

Sweetspot

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



0935A5



9AABD6



09A579



47516B



EBEBEB



6B6B6B

Same Dimension

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



0935A5



003CD6



2B09A5



494C52



002991



000512

Inverse Universe

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



A50935



D6003C



83A509



52494C



910029



120005

Previews

White Background



This preview shows how the Hex color 0935A5 looks on a white background.

Color Contrast Check

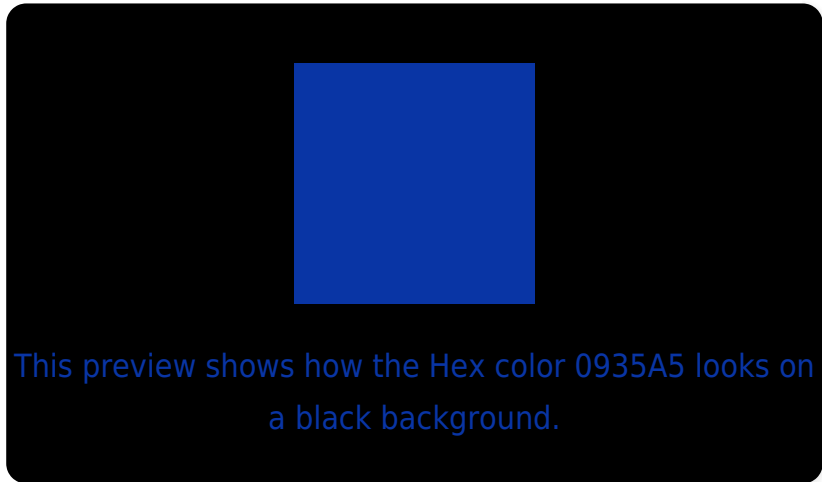
Large Text (above 18pt) WCAG AA ✓ Pass

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

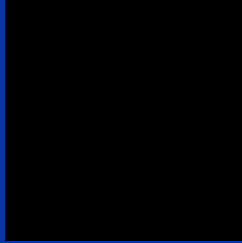
Any Text WCAG AA × Fail

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 0935A5 Background



This preview shows how black text looks on a background with the Hex color 0935A5.

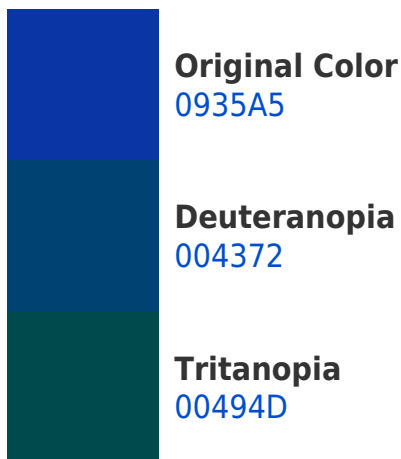


This preview shows how white text looks on a background with the Hex color 0935A5.

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



Trichromacy



Original Color
0935A5

Deuteranomaly
033E85

Tritanomaly
03426D

Monochromacy



Original Color
0935A5

Achromatopsia
353535

Achromatomaly
25355E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0935A5 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 #0935A5 looks like.

```
.text, #text, p{  
    color:#0935A5  
}
```

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 #0935A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0935A5
}
```

Border

The CSS property to change the border of an element to Hex 0935A5 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".

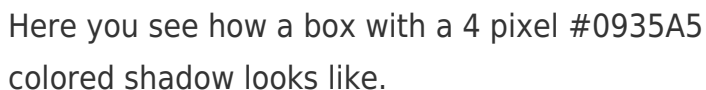
```
.border, #border, table{ border:4px solid
#0935A5 }
```

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

```
.border{ border-color:#0935A5 }
```

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

Here you see how a box with a 4 pixel #0935A5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0935A5; -webkit-box-shadow:4px 4px  
4px 4px #0935A5; box-shadow:4px 4px 4px  
4px #0935A5 }
```

Background

The CSS property to change the background color of an element to Hex 0935A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0935A5 }
```

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

```
.background{ background-color:#0935A5 }
```

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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