

Converting Colors

Hex(4A35A5)

Have a look what the booklet for
Hex(4A35A5) contains.

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Color

Hex(4A35A5)

Conversions

Conversions Part 1

Format	Color
Hex	4A35A5
RGB	74, 53, 165
RGB Percent	29%, 21%, 65%
CMY	0.7098, 0.7922, 0.3529
CMYK	0.55, 0.68, 0.00, 0.35
HSL	251°, 51%, 43%
HSV	251°, 68%, 65%
XYZ	10.8887, 6.7187, 36.3202
YIQ	72.0470, -23.4360, 39.2840

Conversions

Conversions Part 2

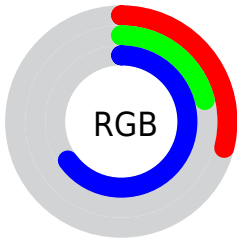
Format	Color
R_{YB}	74, 53, 165
Decimal	4863397
CIE _{Lab}	31.16, 39.57, -57.40
CIE _{LCh}	31, 69.718, 304.583
Yxy	6.7187, 0.2019, 0.1246
Android (android.graphics.Color)	4283053477 (0xFF4A35A5)
YUV	72.0470, 45.8258, 1.7128
Hunter-Lab	25.9204, 29.6239, -64.9342

Details

The Hex color **4A35A5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **90A535**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8365DD**, and **000770** is the 20% darker color. If you saturate the color by 10%, you get **3D24A5**, and if you desaturate by 10%, it is **5746A5**.

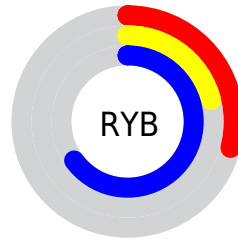
Distribution



Red (29%)

Green (21%)

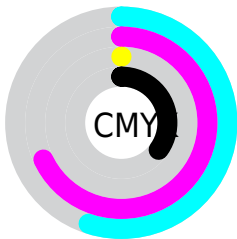
Blue (65%)



Red (29%)

Yellow (21%)

Blue (65%)

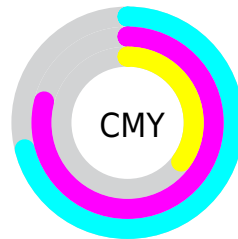


Cyan (55%)

Magenta (68%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (79%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A35A5 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 4A35A5 by changing the saturation by 10% instead.

■ 4A35A5

■ 4A35A5

FFFFFF

■ 2B1E8A

■ 8365DD

■ 000770

■ 9F7FFA

■ 000057

■ BC99FF

■ 00053E

■ DAB4FF

■ 000328

■ F7D0FF

■ 000111

■ FFECFF

■ 000000

■ 4A35A5

■ 4A35A5

■ 3D24A5

■ 5746A5

■ 2F14A5

■ 6556A5

■ 2204A5

■ 7267A5

■ 1F00A5

■ 8077A5

■ 8D88A5

■ 9A98A5

■ A8A9A5

■ B5B9A5

■ C3C9A5

Harmonies

Analogous

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



004FB9



4A35A5



8D0079

Triad

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



4A35A5



7E3300



005E51

Complementary

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



4A35A5



90A535

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.



005C14



4A35A5



534A00

Square

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



4A35A5



9B000E



0F5600



005E87

Rectangle

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



4A35A5



A00056



0F5600



005E3D

Sweetspot

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



4A35A5



B3ABD6



3590A5



56516B



EBEBEB



6B6B6B

Same Dimension

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



4A35A5



4929D6



8235A5



4B4952



1B0091



030012

Inverse Universe

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



A53590



D629B6



58A535



524950



910076



12000F

Previews

White Background



This preview shows how the Hex color 4A35A5 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

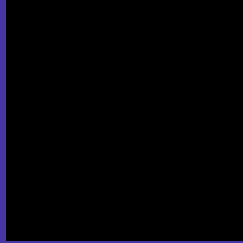
Any Text WCAG AA × Fail

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 4A35A5 Background



This preview shows how black text looks on a background with the Hex color 4A35A5.

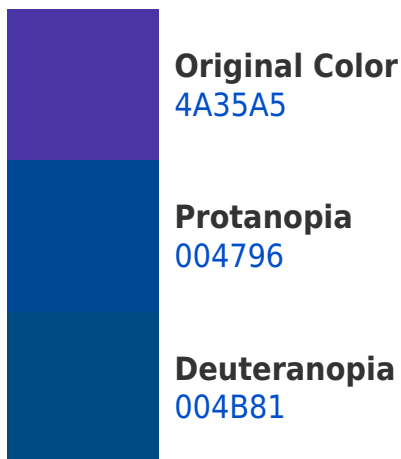


This preview shows how white text looks on a background with the Hex color 4A35A5.

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
2D4F55

Trichromacy



Original Color
4A35A5

Protanomaly
1B409B

Deuteranomaly
1B438E

Tritanomaly
384672

Monochromacy



Original Color
4A35A5

Achromatopsia
484848

Achromatomaly
49416A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A35A5 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 #4A35A5 looks like.

```
.text, #text, p{  
    color:#4A35A5  
}
```

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 #4A35A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A35A5
}
```

Border

The CSS property to change the border of an element to Hex 4A35A5 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
#4A35A5 }
```

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

```
.border{ border-color:#4A35A5 }
```

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

Here you see how a box with a 4 pixel #4A35A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A35A5; -webkit-box-shadow:4px 4px  
4px 4px #4A35A5; box-shadow:4px 4px 4px  
4px #4A35A5 }
```

Background

The CSS property to change the background color of an element to Hex 4A35A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A35A5 }
```

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

```
.background{ background-color:#4A35A5 }
```

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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