

Converting Colors

Hex(435994)

Have a look what the booklet for
Hex(435994) contains.

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Color

Hex(435994)

Conversions

Conversions Part 1

Format	Color
Hex	435994
RGB	67, 89, 148
RGB Percent	26%, 35%, 58%
CMY	0.7373, 0.6510, 0.4196
CMYK	0.55, 0.40, 0.00, 0.42
HSL	224°, 38%, 42%
HSV	224°, 55%, 58%
XYZ	11.2324, 10.4762, 29.4471
YIQ	89.1480, -32.0510, 13.6850

Conversions

Conversions Part 2

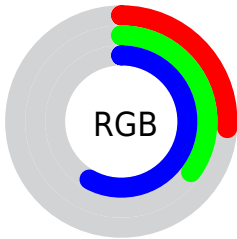
Format	Color
R_{YB}	67, 84, 148
Decimal	4413844
CIE _{Lab}	38.68, 9.66, -35.05
CIE _{LCh}	39, 36.362, 285.407
Yxy	10.4762, 0.2196, 0.2048
Android (android.graphics.Color)	4282603924 (0xFF435994)
YUV	89.1480, 29.0140, -19.4238
Hunter-Lab	32.3669, 5.3035, -31.2846

Details

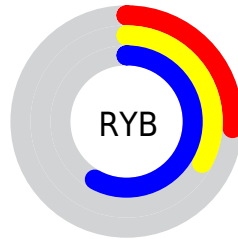
The Hex color **435994** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **947E43**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **798BCA**, and **012C61** is the 20% darker color. If you saturate the color by 10%, you get **344E94**, and if you desaturate by 10%, it is **526494**.

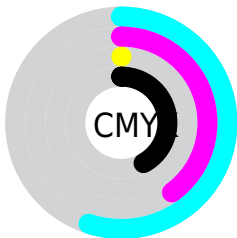
Distribution



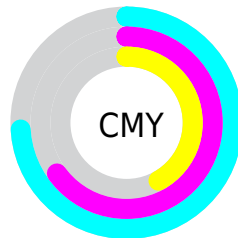
- Red (26%)
- Green (35%)
- Blue (58%)



- Red (26%)
- Yellow (33%)
- Blue (58%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)



- Cyan (74%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435994 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 435994 by changing the saturation by 10% instead.

■ 435994

■ 435994

FFFFFF

■ 27427A

■ 798BCA

■ 012C61

■ 94A5E7

■ 001849

■ B0C0FF

■ 000132

■ CCDCFF

■ 00011C

■ E9F8FF

■ 000000

■ 435994

■ 435994

■ 344E94

■ 526494

■ 254394

■ 616F94

■ 173994

■ 6F7994

■ 082E94

■ 7E8494

■ 002894

■ 8D8F94

■ 9C9A94

■ ABA494

■ B9AF94

■ C8BA94

Harmonies

Analogous

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



006294



435994



704D85

Triad

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



435994



8B4932



00694B

Complementary

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



435994



947E43

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.



3C6530



435994



785420

Square

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



435994



92424D



5D5E1F



006A6A

Rectangle

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



435994



834674



5D5E1F



1A6841

Sweetspot

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



435994



A1A9BF



43947D



4E5361



E0E0E0



616161

Same Dimension

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



435994



4163BF



554394



43454A



00258A



00030A

Inverse Universe

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



944359



BF4163



829443



4A4345



8A0025



0A0003

Previews

White Background



This preview shows how the Hex color 435994 looks on a white background.

Color Contrast Check

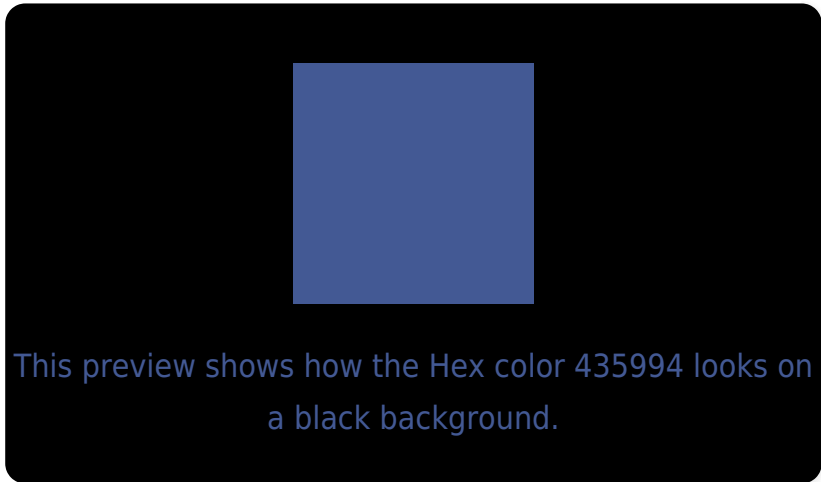
Large Text (above 18pt) WCAG AA ✓ Pass

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

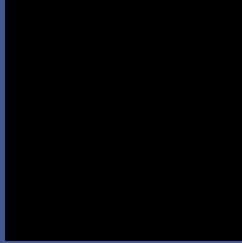
Any Text WCAG AA × Fail

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 435994 Background



This preview shows how black text looks on a background with the Hex color 435994.



This preview shows how white text looks on a background with the Hex color 435994.

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


435994

Protanopia

435994

Deuteranopia

385B93



Tritanopia
34626A

Trichromacy



Original Color
435994

Protanomaly
435994

Deuteranomaly
3C5A93

Tritanomaly
395F79

Monochromacy



Original Color
435994

Achromatopsia
595959

Achromatomaly
51596E

CSS Examples

Text

The CSS property to change the color of the text to Hex 435994 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 #435994 looks like.

```
.text, #text, p{  
    color:#435994  
}
```

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 #435994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435994
}
```

Border

The CSS property to change the border of an element to Hex 435994 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
#435994 }
```

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

```
.border{ border-color:#435994 }
```

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

Here you see how a box with a 4 pixel #435994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435994; -webkit-box-shadow:4px 4px  
4px 4px #435994; box-shadow:4px 4px 4px  
4px #435994 }
```

Background

The CSS property to change the background color of an element to Hex 435994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435994 }
```

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

```
.background{ background-color:#435994 }
```

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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