

# Converting Colors

Hex(4E56A3)

Have a look what the booklet for  
Hex(4E56A3) contains.

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# Color

Hex(4E56A3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E56A3
RGB	78, 86, 163
RGB Percent	31%, 34%, 64%
CMY	0.6941, 0.6627, 0.3608
CMYK	0.52, 0.47, 0.00, 0.36
HSL	234°, 35%, 47%
HSV	234°, 52%, 64%
XYZ	13.0805, 10.9196, 36.0686
YIQ	92.3860, -29.4850, 22.2510

# Conversions

## Conversions Part 2

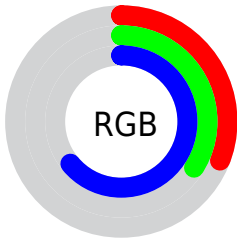
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 85, 163
Decimal	5133987
CIE <sub>Lab</sub>	39.44, 19.16, -42.79
CIE <sub>LCh</sub>	39, 46.884, 294.122
Yxy	10.9196, 0.2178, 0.1818
Android (android.graphics.Color)	4283324067 (0xFF4E56A3)
YUV	92.3860, 34.8127, -12.6165
Hunter-Lab	33.0449, 12.8293, -41.5839

# Details

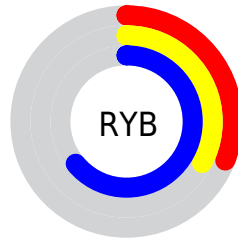
The Hex color **4E56A3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A39B4E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8588DA**, and **10296F** is the 20% darker color. If you saturate the color by 10%, you get **3E47A3**, and if you desaturate by 10%, it is **5E65A3**.

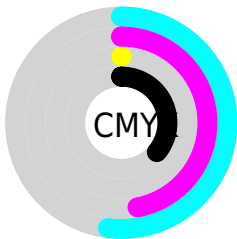
# Distribution



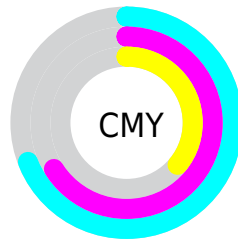
- Red (31%)
- Green (34%)
- Blue (64%)



- Red (31%)
- Yellow (33%)
- Blue (64%)



- Cyan (52%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (66%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E56A3 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 4E56A3 by changing the saturation by 10% instead.





4E56A3



4E56A3

FFFFFF



323F88



8588DA



10296F



A0A2F7



001556



BCBDFF



00003E



D9D8FF



000327



F6F5FF



000111



000000



4E56A3



4E56A3



3E47A3



5E65A3

■ 2D38A3

■ 6F74A3

■ 1D2AA3

■ 7F82A3

■ 0D1BA3

■ 8F91A3

■ 000FA3

■ A0A0A3

■ B0AFA3

■ C0BDA3

■ D0CCA3

■ E1DBA3

# Harmonies

## Analogous

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



0064A9



4E56A3



84458A

# Triad

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



4E56A3



92491E



006E54

# Complementary

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



4E56A3



A39B4E

# 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.



1B6B2D



4E56A3



765902

# Square

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



4E56A3



A03A40



52640B



006F7B

# Rectangle

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



4E56A3



973B73



52640B



006D47



# Sweetspot

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



4E56A3



B2B5D4



4EA39B



57596B



EBEBEB



6B6B6B



# Same Dimension

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



4E56A3



4E5BD4



704EA3



494A52



000E91



000212



# Inverse Universe

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



A34E56



D44E5B



81A34E



52494A



91000E

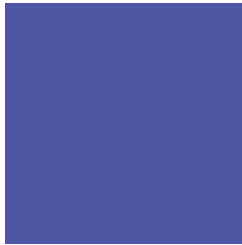


120002



# Previews

## White Background



This preview shows how the Hex color 4E56A3 looks on a white background.

## Color Contrast Check

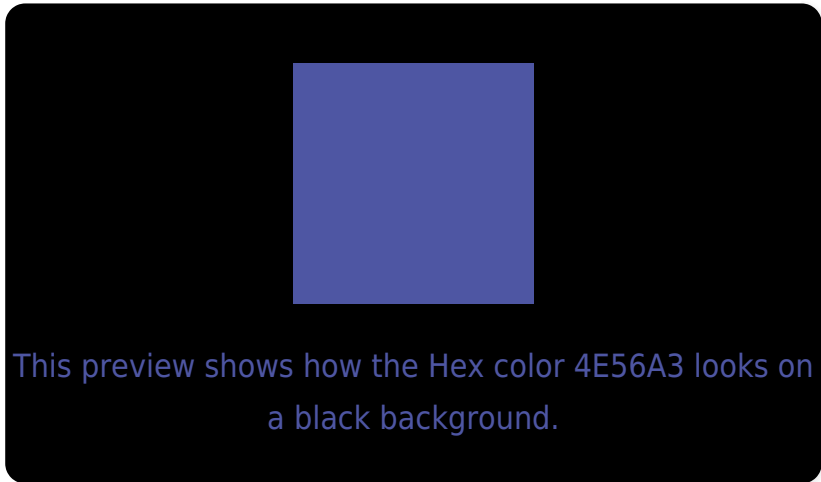
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E56A3 Background



This preview shows how black text looks on a background with the Hex color 4E56A3.

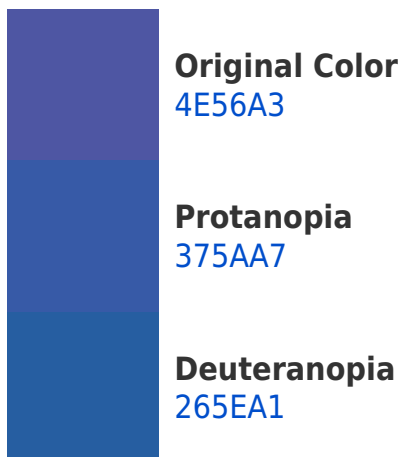



This preview shows how white text looks on a background with the Hex color 4E56A3.

# 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](#).

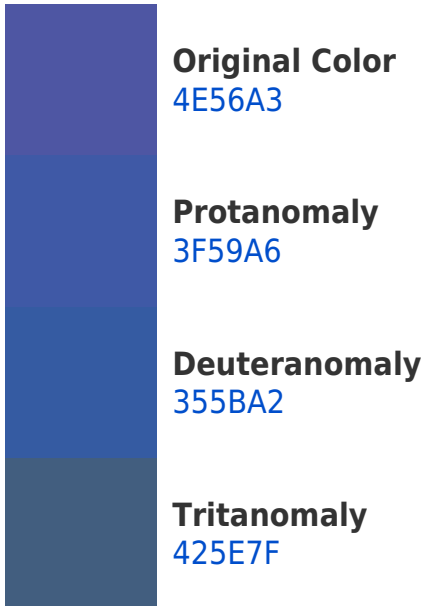
## Dichromacy



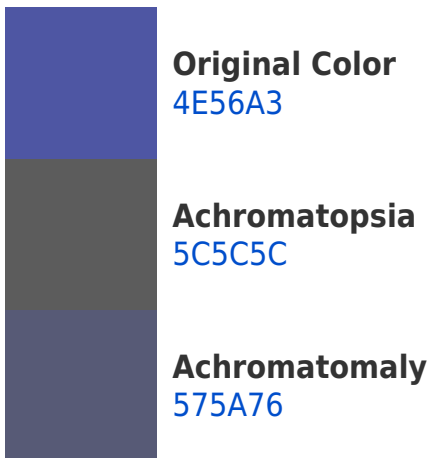


**Tritanopia**  
3B636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E56A3 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 #4E56A3 looks like.

```
.text, #text, p{  
    color:#4E56A3  
}
```

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 #4E56A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E56A3
}
```

## Border

The CSS property to change the border of an element to Hex 4E56A3 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
#4E56A3 }
```

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

```
.border{ border-color:#4E56A3 }
```

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

Here you see how a box with a 4 pixel #4E56A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E56A3; -webkit-box-shadow:4px 4px  
4px 4px #4E56A3; box-shadow:4px 4px 4px  
4px #4E56A3 }
```

# Background

The CSS property to change the background color of an element to Hex 4E56A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E56A3 }
```

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

```
.background{ background-color:#4E56A3 }
```

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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