

Converting Colors

Hex(6503AE)

Have a look what the booklet for
Hex(6503AE) contains.

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Color

Hex(6503AE)

Conversions

Conversions Part 1

Format	Color
Hex	6503AE
RGB	101, 3, 174
RGB Percent	40%, 1%, 68%
CMY	0.6039, 0.9882, 0.3176
CMYK	0.42, 0.98, 0.00, 0.32
HSL	274°, 97%, 35%
HSV	274°, 98%, 68%
XYZ	13.0394, 5.8878, 40.4936
YIQ	51.7960, 3.5170, 73.9570

Conversions

Conversions Part 2

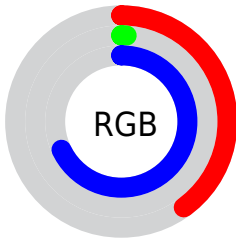
Format	Color
RYB	101, 3, 174
Decimal	6620078
CIELab	29.13, 63.36, -66.02
CIELCh	29, 91.504, 313.822
Yxy	5.8878, 0.2194, 0.0991
Android (android.graphics.Color)	4284810158 (0xFF6503AE)
YUV	51.7960, 60.2466, 43.1519
Hunter-Lab	24.2648, 53.4584, -81.9589

Details

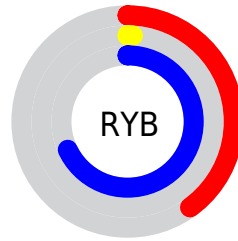
The Hex color **6503AE** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4CAE03**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9F47E7**, and **270078** is the 20% darker color. If you saturate the color by 10%, you get **6400AE**, and if you desaturate by 10%, it is **6C14AE**.

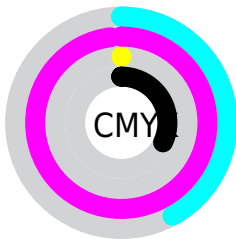
Distribution



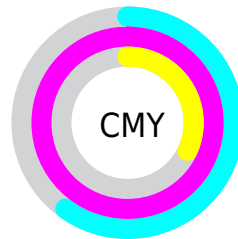
- Red (40%)
- Green (1%)
- Blue (68%)



- Red (40%)
- Yellow (1%)
- Blue (68%)



- Cyan (42%)
- Magenta (98%)
- Yellow (0%)
- Black (32%)



- Cyan (60%)
- Magenta (99%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6503AE 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 6503AE by changing the saturation by 10% instead.

 6503AE

 6503AE

FFFFFF

 470093

 9F47E7

 270078

 BC63FF

 00005F

 DA7EFF

 000046

 F89AFF

 00042E

 FFB6FF

 000119

 FFD2FF

 000000

 FFF0FF

 6503AE

 6503AE

■ 6400AE

■ 6C14AE

■ 7426AE

■ 7B37AE

■ 8349AE

■ 8A5AAE

■ 926BAE

■ 997DAE

■ A08EAE

■ A8A0AE

Harmonies

Analogous

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



0046D4



6503AE



A8006E

Triad

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



6503AE



733200



005C65

Complementary

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



6503AE



4CAE03

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.



005A18



6503AE



364C00

Square

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



6503AE



9F0000



005600



005EA8

Rectangle

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



6503AE



B50040



005600



005B4D

Sweetspot

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



6503AE



C7A1E3



034DAE



624B73



F2F2F2



737373

Same Dimension

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



6503AE



8200E3



AE03A3



534E57



560096



0D0017

Inverse Universe

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



AE034C



E30061



03AE0E



574E52



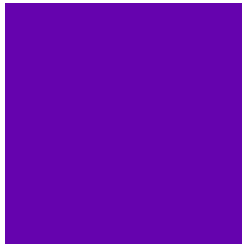
960040



17000A

Previews

White Background



This preview shows how the Hex color 6503AE looks on a white background.

Color Contrast Check

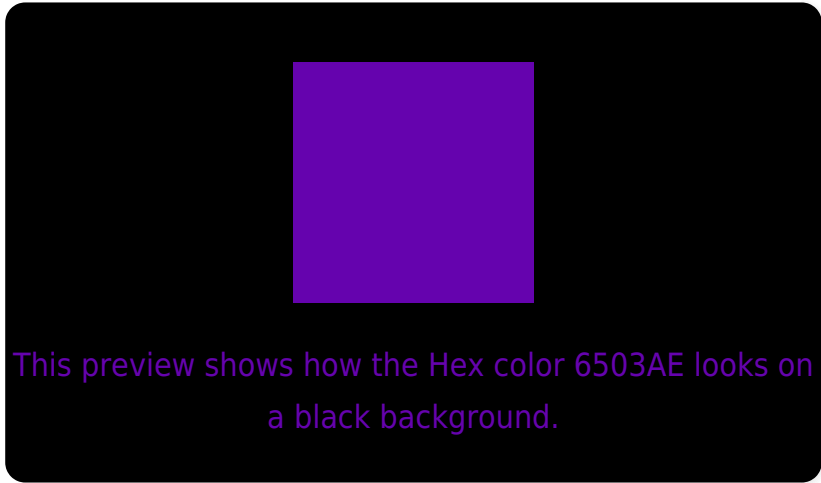
Large Text (above 18pt) WCAG AA ✓ Pass

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

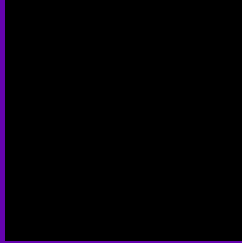
Any Text WCAG AA × Fail

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 6503AE Background



This preview shows how black text looks on a background with the Hex color 6503AE.

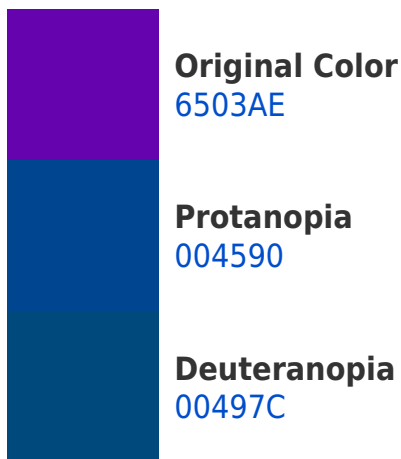


This preview shows how white text looks on a background with the Hex color 6503AE.

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](#).

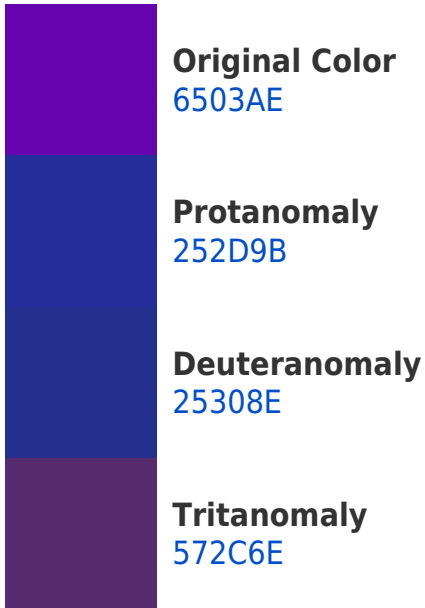
Dichromacy



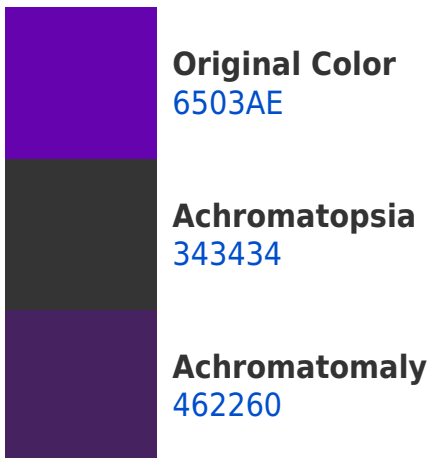


Tritanopia
4F4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6503AE 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 #6503AE looks like.

```
.text, #text, p{  
    color:#6503AE  
}
```

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 #6503AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6503AE
}
```

Border

The CSS property to change the border of an element to Hex 6503AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

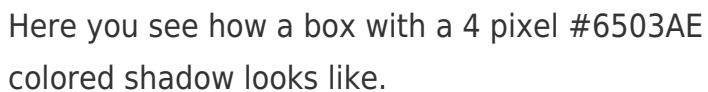
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6503AE }
```

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

```
.border{ border-color:#6503AE }
```

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



Here you see how a box with a 4 pixel #6503AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6503AE; -webkit-box-shadow:4px 4px  
4px 4px #6503AE; box-shadow:4px 4px 4px  
4px #6503AE }
```

Background

The CSS property to change the background color of an element to Hex 6503AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6503AE }
```

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

```
.background{ background-color:#6503AE }
```

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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