

# Converting Colors

Hex(6141AE)

Have a look what the booklet for  
Hex(6141AE) contains.

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# Color

**Hex(6141AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6141AE
RGB	97, 65, 174
RGB Percent	38%, 25%, 68%
CMY	0.6196, 0.7451, 0.3176
CMYK	0.44, 0.63, 0.00, 0.32
HSL	258°, 46%, 47%
HSV	258°, 63%, 68%
XYZ	14.4600, 9.3780, 41.0924
YIQ	86.9940, -15.9170, 40.6830

# Conversions

## Conversions Part 2

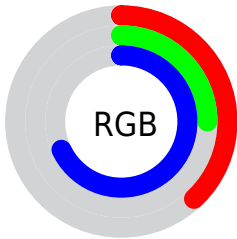
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 65, 174
Decimal	6373806
CIE <sub>Lab</sub>	36.70, 39.76, -53.67
CIE <sub>LCh</sub>	37, 66.787, 306.531
Yxy	9.3780, 0.2227, 0.1444
Android (android.graphics.Color)	4284563886 (0xFF6141AE)
YUV	86.9940, 42.8940, 8.7753
Hunter-Lab	30.6235, 30.6945, -58.1224

# Details

The Hex color **6141AE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8EAE41**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9972E6**, and **271279** is the 20% darker color. If you saturate the color by 10%, you get **5530AE**, and if you desaturate by 10%, it is **6D52AE**.

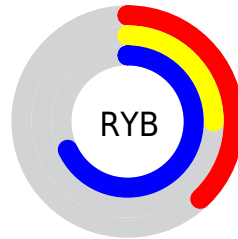
# Distribution



Red (38%)

Green (25%)

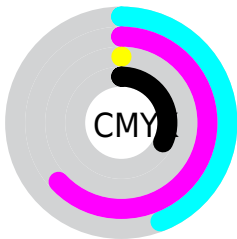
Blue (68%)



Red (38%)

Yellow (25%)

Blue (68%)

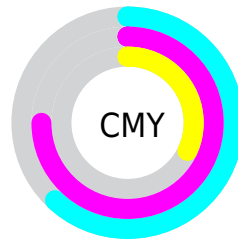


Cyan (44%)

Magenta (63%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (75%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6141AE 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 6141AE by changing the saturation by 10% instead.



6141AE

6141AE

FFFFFF

452993

9972E6

271279

B58CFF

00005F

D2A7FF

000047

EFC3FF

00042F

FFDFFF

000119

FFFCFF

000000

6141AE

6141AE

5530AE

6D52AE

481EAE

7A64AE

3C0DAE

8675AE

3300AE

9287AE

9E98AE

ABA9AE

B7BBAE

C3CCAE

D0DEAE

# Harmonies

## Analogous

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



005AC3



6141AE



9D1782

# Triad

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



6141AE



8B4300



006C61

# Complementary

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



6141AE



8EAE41

# 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.



006A28



6141AE



605800

# Square

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



6141AE



A81F19



206400



006C96

# Rectangle

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



6141AE



AE005F



206400



006C4E



# Sweetspot

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



6141AE



C4B8E3



418FAE



605873



F2F2F2



737373



# Same Dimension

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



6141AE



6B39E3



9641AE



514E57



2C0096



070017



# Inverse Universe

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



AE418E



E339B1



59AE41



574E54



96006A

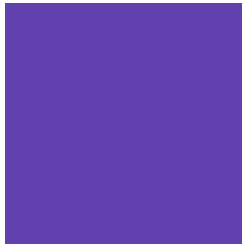


170010



# Previews

## White Background



This preview shows how the Hex color 6141AE looks on a white background.

## Color Contrast Check

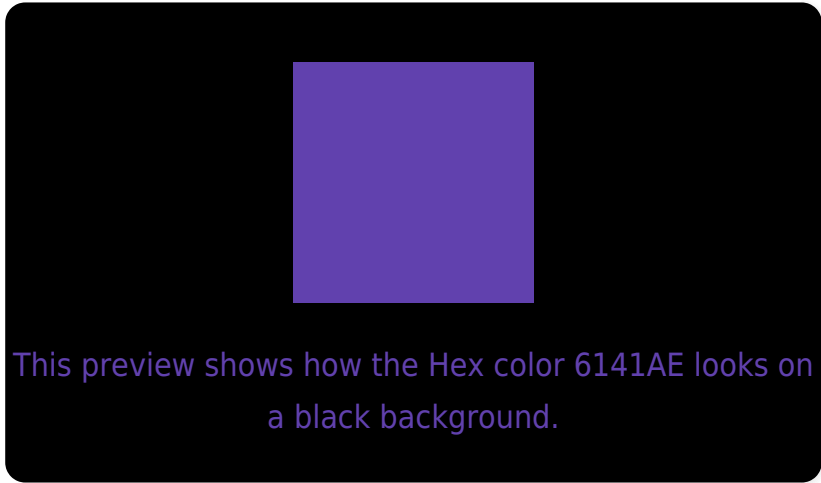
Large Text (above 18pt) WCAG AA ✓ Pass

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

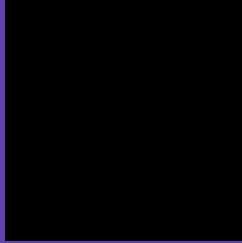
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6141AE Background



This preview shows how black text looks on a background with the Hex color 6141AE.

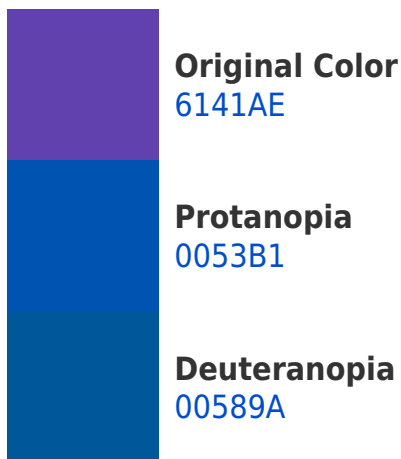



This preview shows how white text looks on a background with the Hex color 6141AE.

# 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](#).

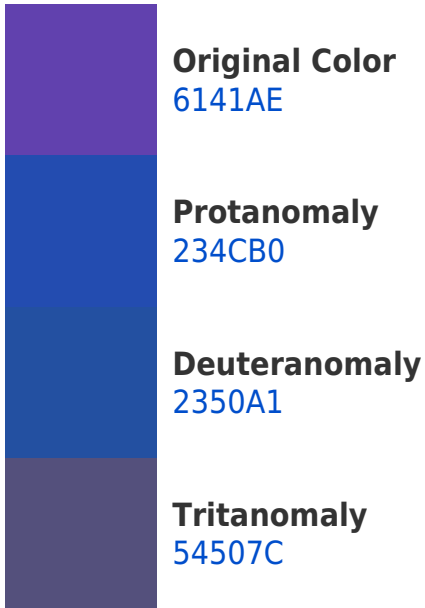
## Dichromacy





**Tritanopia**  
4D585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6141AE 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 #6141AE looks like.

```
.text, #text, p{  
  color:#6141AE  
}
```

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 #6141AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6141AE
}
```

## Border

The CSS property to change the border of an element to Hex 6141AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

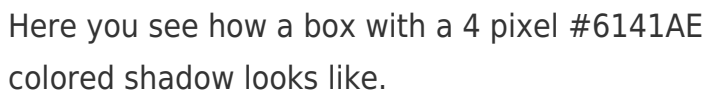
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6141AE }
```

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

```
.border{ border-color:#6141AE }
```

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



Here you see how a box with a 4 pixel #6141AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6141AE; -webkit-box-shadow:4px 4px  
4px 4px #6141AE; box-shadow:4px 4px 4px  
4px #6141AE }
```

# Background

The CSS property to change the background color of an element to Hex 6141AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6141AE }
```

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

```
.background{ background-color:#6141AE }
```

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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