

# Converting Colors

Hex(6270EA)

Have a look what the booklet for  
Hex(6270EA) contains.

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# **Color**

**Hex(6270EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6270EA
RGB	98, 112, 234
RGB Percent	38%, 44%, 92%
CMY	0.6157, 0.5608, 0.0824
CMYK	0.58, 0.52, 0.00, 0.08
HSL	234°, 76%, 65%
HSV	234°, 58%, 92%
XYZ	25.6825, 20.1255, 80.3729
YIQ	121.7220, -47.5060, 34.9740

# Conversions

## Conversions Part 2

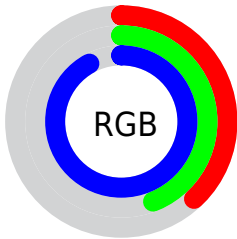
Format	Color
R <sub>Y</sub> B	98, 111, 234
Decimal	6451434
CIE Lab	51.98, 30.24, -63.55
CIE LCh	52, 70.372, 295.446
Yxy	20.1255, 0.2035, 0.1595
Android (android.graphics.Color)	4284641514 (0xFF6270EA)
YUV	121.7220, 55.3531, -20.8042
Hunter-Lab	44.8615, 23.6807, -74.8197

# Details

The Hex color **6270EA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EADC62**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EA4FF**, and **1441B1** is the 20% darker color. If you saturate the color by 10%, you get **4B5BEA**, and if you desaturate by 10%, it is **7985EA**.

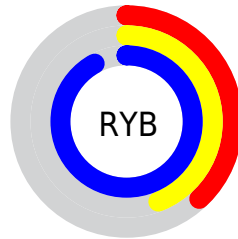
# Distribution



Red (38%)

Green (44%)

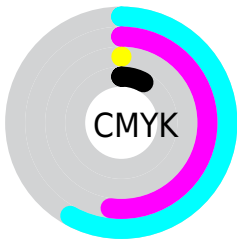
Blue (92%)



Red (38%)

Yellow (44%)

Blue (92%)

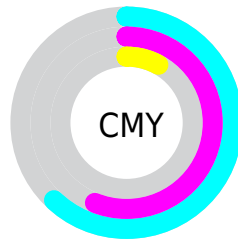


Cyan (58%)

Magenta (52%)

Yellow (0%)

Black (8%)



Cyan (62%)

Magenta (56%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6270EA 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 6270EA by changing the saturation by 10% instead.



■ 6270EA

■ 6270EA

FFFFFF

■ 4158CD

■ 9EA4FF

■ 1441B1

■ BCBFFF

■ 002B96

■ DADAFF

■ 00187B

■ F9F7FF

■ 000062

■ 000949

■ 000431

■ 00011C

■ 000000

■ 6270EA

■ 6270EA

■ 4B5BEA

■ 7985EA

■ 3346EA

■ 919AEA

■ 1C31EA

■ A8AFEA

■ 041CEA

■ C0C4EA

■ 0018EA

■ D7D9EA

■ EEEEEA

■ FFFFEA

# Harmonies

## Analogous

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



0086F5



6270EA



BA50C1

# Triad

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



6270EA



C95C0E



009671

# Complementary

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



6270EA



EADC62

# 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.



009131



6270EA



9E7600

# Square

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



6270EA



E23D4C



648800



0096AE

# Rectangle

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



6270EA



D83B9C



648800



00955B



# Sweetspot

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



6270EA



D4D8FF



62EADA



666980



000000



808080



# Same Dimension

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



6270EA



4D5FFF



9662EA



6A6B75



0013B5



000636



# Inverse Universe

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



EA6270



FF4D5F



B6EA62



756A6B



B50013

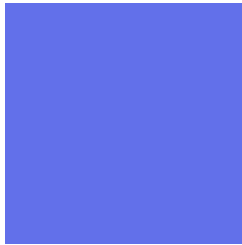


360006



# Previews

## White Background



This preview shows how the Hex color 6270EA looks on a white background.

## Color Contrast Check

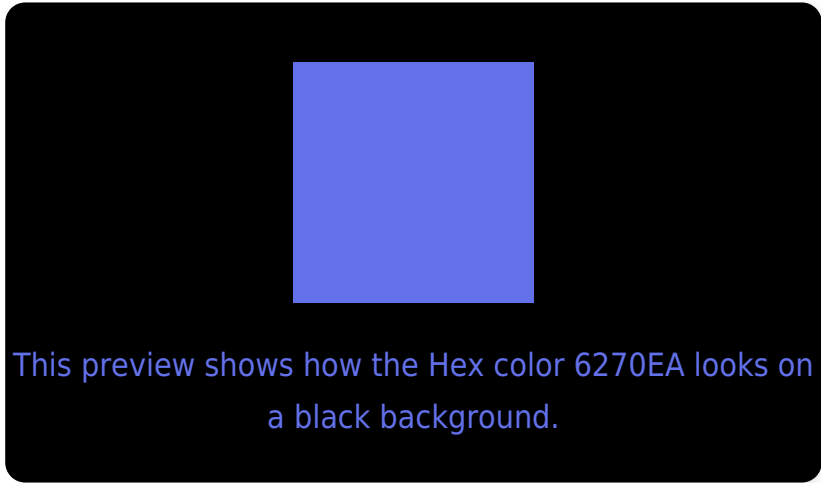
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

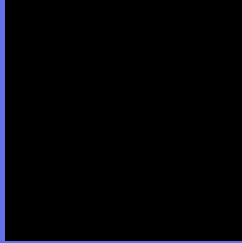
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6270EA Background



This preview shows how black text looks on a background with the Hex color 6270EA.

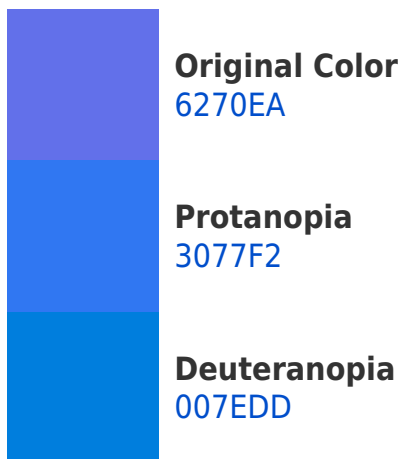



This preview shows how white text looks on a background with the Hex color 6270EA.

# 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



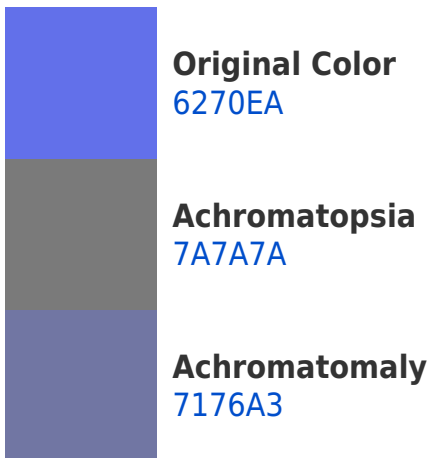


**Tritanopia**  
3D8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6270EA 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 #6270EA looks like.

```
.text, #text, p{  
    color:#6270EA  
}
```

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 #6270EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6270EA
}
```

## Border

The CSS property to change the border of an element to Hex 6270EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

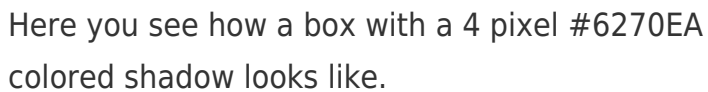
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6270EA }
```

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

```
.border{ border-color:#6270EA }
```

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



Here you see how a box with a 4 pixel #6270EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6270EA; -webkit-box-shadow:4px 4px  
4px 4px #6270EA; box-shadow:4px 4px 4px  
4px #6270EA }
```

# Background

The CSS property to change the background color of an element to Hex 6270EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6270EA }
```

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

```
.background{ background-color:#6270EA }
```

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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