

Converting Colors

Hex(6277CE)

Have a look what the booklet for
Hex(6277CE) contains.

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Color

Hex(6277CE)

Conversions

Conversions Part 1

Format	Color
Hex	6277CE
RGB	98, 119, 206
RGB Percent	38%, 47%, 81%
CMY	0.6157, 0.5333, 0.1922
CMYK	0.52, 0.42, 0.00, 0.19
HSL	228°, 52%, 60%
HSV	228°, 52%, 81%
XYZ	22.7744, 20.2466, 61.1002
YIQ	122.6390, -40.4430, 22.6050

Conversions

Conversions Part 2

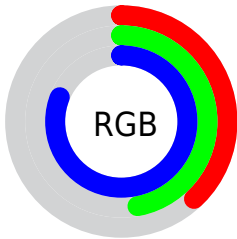
Format	Color
R _Y B	98, 116, 206
Decimal	6453198
CIE Lab	52.11, 16.96, -47.53
CIE LCh	52, 50.460, 289.637
Yxy	20.2466, 0.2187, 0.1945
Android (android.graphics.Color)	4284643278 (0xFF6277CE)
YUV	122.6390, 41.0970, -21.6084
Hunter-Lab	44.9962, 11.6029, -49.0124

Details

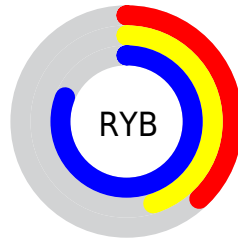
The Hex color **6277CE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **CEB962**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9BABFF**, and **244797** is the 20% darker color. If you saturate the color by 10%, you get **4D66CE**, and if you desaturate by 10%, it is **7788CE**.

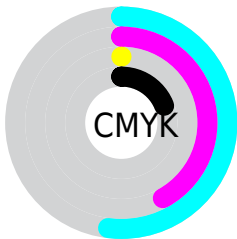
Distribution



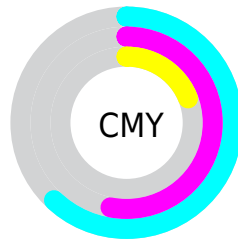
- Red (38%)
- Green (47%)
- Blue (81%)



- Red (38%)
- Yellow (45%)
- Blue (81%)



- Cyan (52%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6277CE 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 6277CE by changing the saturation by 10% instead.

■ 6277CE

■ 6277CE

FFFFFF

■ 455EB2

■ 9BABFF

■ 244797

■ B8C6FF

■ 00317D

■ D5E2FF

■ 001D63

■ F2FFFF

■ 00034B

■ 000433

■ 00021D

■ 000000

■ 6277CE

■ 6277CE

■ 4D66CE

■ 7788CE

■ 3956CE

■ 8B98CE

■ 2445CE

■ A0A9CE

■ 1035CE

■ B4B9CE

■ 0028CE

■ C9CACE

■ DEDBCE

■ F2EBCE

■ FFFCCE

■ FFFFCE

Harmonies

Analogous

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



0085D1



6277CE



A265B5

Triad

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



6277CE



BD643B



00906B

Complementary

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



6277CE



CEB962

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.



438C41



6277CE



A07521

Square

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



6277CE



CB5662



788323



009198

Rectangle

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



6277CE



BB5A9B



788323



008F5D

Sweetspot

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



6277CE



D6DEFF



62CEB8



676C80



000000



808080

Same Dimension

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



6277CE



5E7EFF



8262CE



5C5E66



0020A6



000726

Inverse Universe

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



CE6277



FF5E7E



AECE62



665C5E



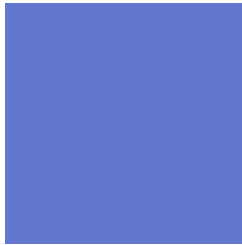
A60020



260007

Previews

White Background



This preview shows how the Hex color 6277CE looks on a white background.

Color Contrast Check

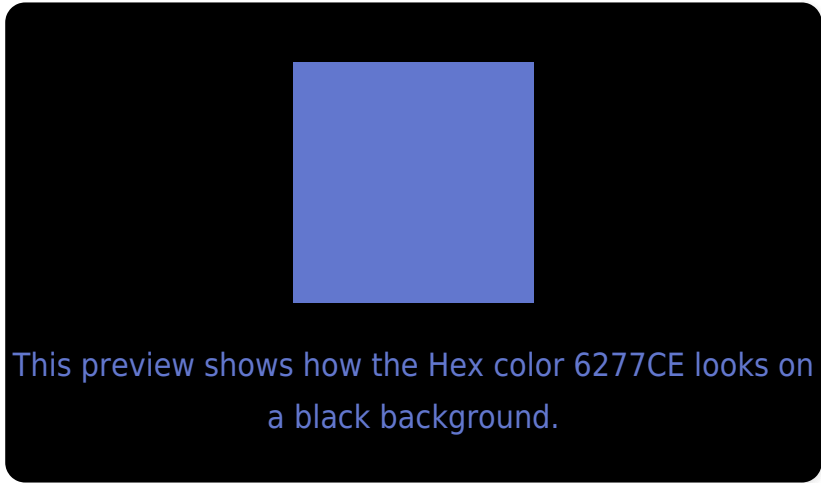
Large Text (above 18pt) WCAG AA ✓ Pass

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 6277CE Background



This preview shows how black text looks on a background with the Hex color 6277CE.




This preview shows how white text looks on a background with the Hex color 6277CE.

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](#).

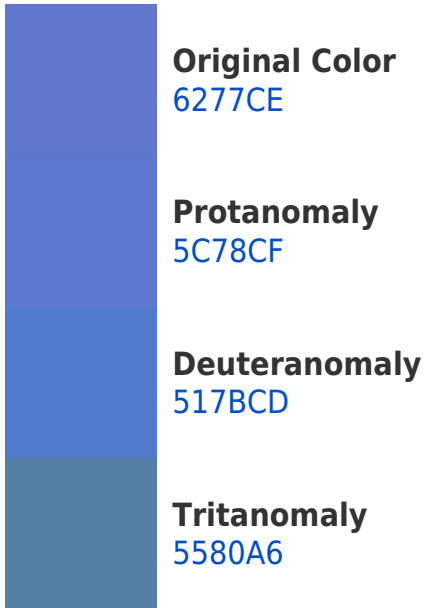
Dichromacy



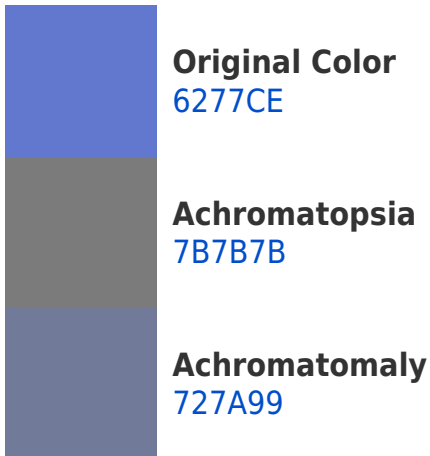


Tritanopia
4D858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6277CE 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 #6277CE looks like.

```
.text, #text, p{  
    color:#6277CE  
}
```

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 #6277CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6277CE
}
```

Border

The CSS property to change the border of an element to Hex 6277CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

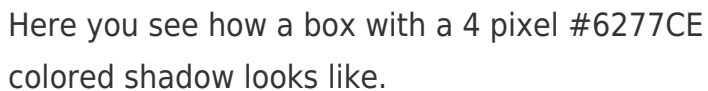
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6277CE }
```

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

```
.border{ border-color:#6277CE }
```

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



Here you see how a box with a 4 pixel #6277CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6277CE; -webkit-box-shadow:4px 4px  
4px 4px #6277CE; box-shadow:4px 4px 4px  
4px #6277CE }
```

Background

The CSS property to change the background color of an element to Hex 6277CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6277CE }
```

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

```
.background{ background-color:#6277CE }
```

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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