

Converting Colors

Hex(6377BE)

Have a look what the booklet for
Hex(6377BE) contains.

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Color

Hex(6377BE)

Conversions

Conversions Part 1

Format	Color
Hex	6377BE
RGB	99, 119, 190
RGB Percent	39%, 47%, 75%
CMY	0.6118, 0.5333, 0.2549
CMYK	0.48, 0.37, 0.00, 0.25
HSL	227°, 41%, 57%
HSV	227°, 48%, 75%
XYZ	21.0367, 19.5640, 51.3827
YIQ	121.1140, -34.7110, 17.8410

Conversions

Conversions Part 2

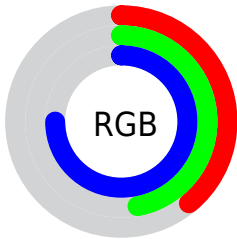
Format	Color
R_{YB}	99, 115, 190
Decimal	6518718
CIE _{Lab}	51.34, 12.19, -39.61
CIE _{LCh}	51, 41.437, 287.102
Yxy	19.5640, 0.2287, 0.2127
Android (android.graphics.Color)	4284708798 (0xFF6377BE)
YUV	121.1140, 33.9608, -19.3940
Hunter-Lab	44.2312, 7.4912, -37.9144

Details

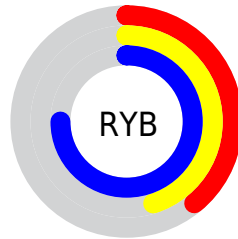
The Hex color **6377BE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BEAA63**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9AABF7**, and **2B4788** is the 20% darker color. If you saturate the color by 10%, you get **5068BE**, and if you desaturate by 10%, it is **7686BE**.

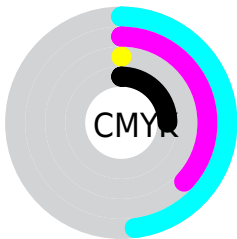
Distribution



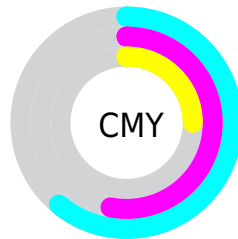
- Red (39%)
- Green (47%)
- Blue (75%)



- Red (39%)
- Yellow (45%)
- Blue (75%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6377BE 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 6377BE by changing the saturation by 10% instead.

■ 6377BE

■ 6377BE

FFFFFF

■ 485EA3

■ 9AABF7

■ 2B4788

■ B6C6FF

■ 01316E

■ D3E2FF

■ 001D56

■ F0FFFF

■ 00013E

■ 000327

■ 000111

■ 000000

■ 6377BE

■ 6377BE

■ 5068BE

■ 7686BE

■ 3D59BE

■ 8995BE

■ 2A4BBE

■ 9CA3BE

■ 173CBE

■ AFB2BE

■ 042DBE

■ C2C1BE

■ 002ABE

■ D5D0BE

■ E8DFBE

■ FBEEBE

■ FFFCBE

Harmonies

Analogous

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



0083BF



6377BE



9769AB

Triad

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



6377BE



B36648



038B69

Complementary

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



6377BE



BEAA63

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.



538748



6377BE



9C7334

Square

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



6377BE



BD5D67



7B7F33



008C8E

Rectangle

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



6377BE



AD6197



7B7F33



2D8A5D

Sweetspot

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



6377BE



D5DCF7



63BEA9



686C7D



FCFCFC



7D7D7D

Same Dimension

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



6377BE



6A89F7



7B63BE



55575E



00239E



00071F

Inverse Universe

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



BE6377



F76A89



A6BE63



5E5557



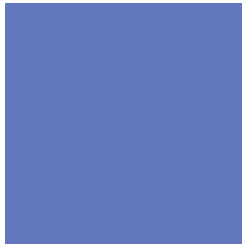
9E0023



1F0007

Previews

White Background



This preview shows how the Hex color 6377BE looks on a white background.

Color Contrast Check

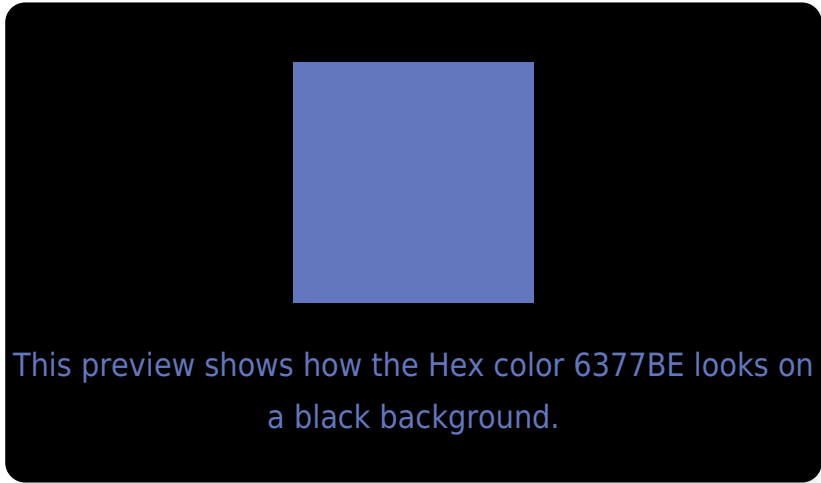
Large Text (above 18pt) WCAG AA ✓ Pass

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 6377BE Background



This preview shows how black text looks on a background with the Hex color 6377BE.

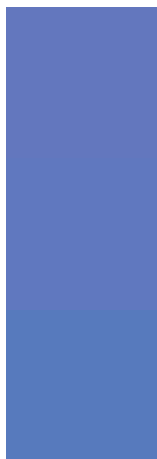


This preview shows how white text looks on a background with the Hex color 6377BE.

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



Original Color
6377BE

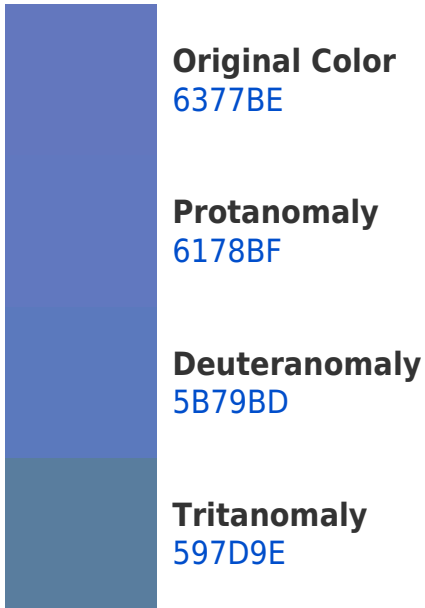
Protanopia
6078BF

Deuteranopia
577ABD



Tritanopia
54818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6377BE 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 #6377BE looks like.

```
.text, #text, p{  
    color:#6377BE  
}
```

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 #6377BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6377BE
}
```

Border

The CSS property to change the border of an element to Hex 6377BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

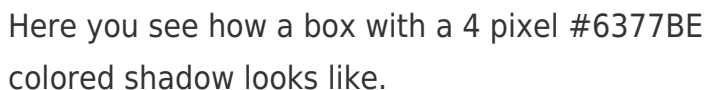
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6377BE }
```

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

```
.border{ border-color:#6377BE }
```

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



Here you see how a box with a 4 pixel #6377BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6377BE; -webkit-box-shadow:4px 4px  
4px 4px #6377BE; box-shadow:4px 4px 4px  
4px #6377BE }
```

Background

The CSS property to change the background color of an element to Hex 6377BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6377BE }
```

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

```
.background{ background-color:#6377BE }
```

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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