

Converting Colors

Hex(626BDE)

Have a look what the booklet for
Hex(626BDE) contains.

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Color

Hex(626BDE)

Conversions

Conversions Part 1

Format	Color
Hex	626BDE
RGB	98, 107, 222
RGB Percent	38%, 42%, 87%
CMY	0.6157, 0.5804, 0.1294
CMYK	0.56, 0.52, 0.00, 0.13
HSL	236°, 65%, 63%
HSV	236°, 56%, 87%
XYZ	23.4795, 18.3860, 71.4186
YIQ	117.4190, -42.2790, 33.8570

Conversions

Conversions Part 2

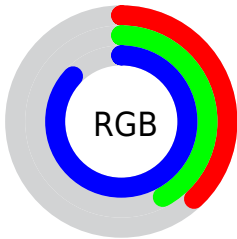
Format	Color
R_{YB}	98, 106, 222
Decimal	6450142
CIE _{Lab}	49.96, 29.41, -60.05
CIE _{LCh}	50, 66.864, 296.098
Yxy	18.3860, 0.2073, 0.1623
Android (android.graphics.Color)	4284640222 (0xFF626BDE)
YUV	117.4190, 51.5584, -17.0305
Hunter-Lab	42.8789, 22.7045, -68.7375

Details

The Hex color **626BDE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DED562**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9D9EFF**, and **1B3CA6** is the 20% darker color. If you saturate the color by 10%, you get **4C56DE**, and if you desaturate by 10%, it is **7880DE**.

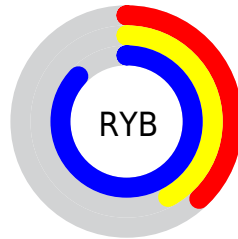
Distribution



Red (38%)

Green (42%)

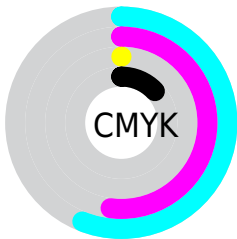
Blue (87%)



Red (38%)

Yellow (42%)

Blue (87%)

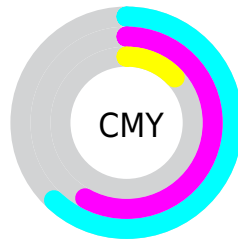


Cyan (56%)

Magenta (52%)

Yellow (0%)

Black (13%)



Cyan (62%)

Magenta (58%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 626BDE 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 626BDE by changing the saturation by 10% instead.

■ 626BDE

■ 626BDE

FFFFFF

■ 4353C2

■ 9D9EFF

■ 1B3CA6

■ BBB9FF

■ 00278B

■ D8D5FF

■ 001371

■ F6F1FF

■ 000058

■ 00063F

■ 000328

■ 000112

■ 000000

■ 626BDE

■ 626BDE

■ 4C56DE

■ 7880DE

■ 3642DE

■ 8E94DE

■ 1F2DDE

■ A5A9DE

■ 0919DE

■ BBBDDE

■ 0010DE

■ D1D2DE

■ E7E7DE

■ FDFBDE

■ FFFFDE

Harmonies

Analogous

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



0080E9



626BDE



B34EB7

Triad

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



626BDE



BF5910



008F6D

Complementary

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



626BDE



DED562

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.



008B32



626BDE



967200

Square

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



626BDE



D73E49



5F8200



0090A8

Rectangle

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



626BDE



CE3B94



5F8200



008E59

Sweetspot

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



626BDE



D4D7FF



62DED4



666880



000000



808080

Same Dimension

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



626BDE



5461FF



9662DE



656670



000DB0



000430

Inverse Universe

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



DE626B



FF5461



AADE62



706566



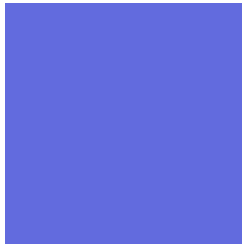
B0000D



300004

Previews

White Background



This preview shows how the Hex color 626BDE looks on a white background.

Color Contrast Check

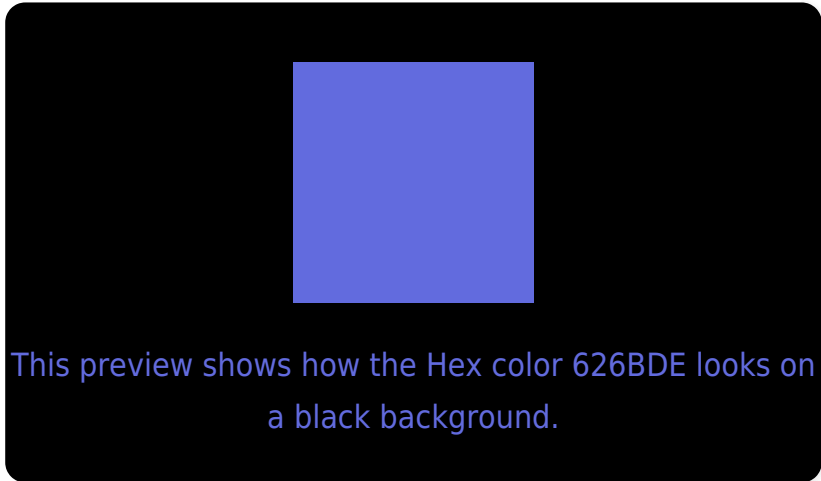
Large Text (above 18pt) WCAG AA ✓ Pass

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

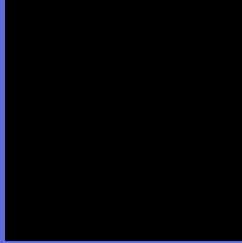
Any Text WCAG AA ✓ Pass

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 626BDE Background



This preview shows how black text looks on a background with the Hex color 626BDE.



This preview shows how white text looks on a background with the Hex color 626BDE.

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



Trichromacy



Original Color
626BDE

Protanomaly
436FE3

Tritanomaly
4E78A9

Monochromacy



Original Color
626BDE

Achromatopsia
757575

Achromatomaly
6E719B

CSS Examples

Text

The CSS property to change the color of the text to Hex 626BDE 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 #626BDE looks like.

```
.text, #text, p{  
    color:#626BDE  
}
```

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 #626BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626BDE
}
```

Border

The CSS property to change the border of an element to Hex 626BDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

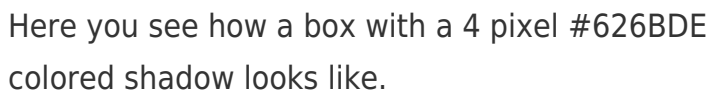
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#626BDE }
```

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

```
.border{ border-color:#626BDE }
```

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



Here you see how a box with a 4 pixel #626BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626BDE; -webkit-box-shadow:4px 4px  
4px 4px #626BDE; box-shadow:4px 4px 4px  
4px #626BDE }
```

Background

The CSS property to change the background color of an element to Hex 626BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626BDE }
```

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

```
.background{ background-color:#626BDE }
```

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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