

# Converting Colors

Hex(626FCE)

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

<b>Hex(626FCE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(626FCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	626FCE
RGB	98, 111, 206
RGB Percent	38%, 44%, 81%
CMY	0.6157, 0.5647, 0.1922
CMYK	0.52, 0.46, 0.00, 0.19
HSL	233°, 52%, 60%
HSV	233°, 52%, 81%
XYZ	21.8620, 18.4218, 60.7960
YIQ	117.9430, -38.2430, 26.7890

# Conversions

## Conversions Part 2

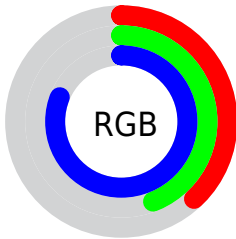
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 110, 206
Decimal	6451150
CIE Lab	50.00, 21.85, -50.89
CIE LCh	50, 55.384, 293.239
Yxy	18.4218, 0.2163, 0.1822
Android (android.graphics.Color)	4284641230 (0xFF626FCE)
YUV	117.9430, 43.4121, -17.4900
Hunter-Lab	42.9206, 15.8096, -53.9385

# Details

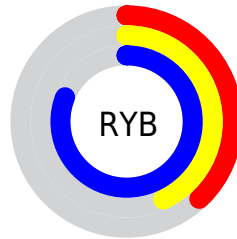
The Hex color **626FCE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CEC162**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9BA2FF**, and **234097** is the 20% darker color. If you saturate the color by 10%, you get **4D5DCE**, and if you desaturate by 10%, it is **7781CE**.

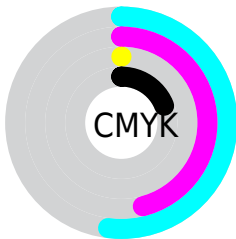
# Distribution



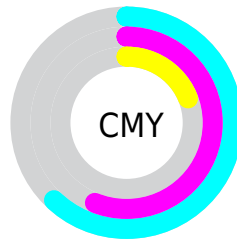
- Red (38%)
- Green (44%)
- Blue (81%)



- Red (38%)
- Yellow (43%)
- Blue (81%)



- Cyan (52%)
- Magenta (46%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (56%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



■ 626FCE

■ 626FCE

FFFFFF

■ 4557B2

■ 9BA2FF

■ 234097

■ B8BDFF

■ 002A7D

■ D5D9FF

■ 001763

■ F3F6FF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 626FCE

■ 626FCE

■ 4D5DCE

■ 7781CE

■ 394BCE

■ 8B93CE

■ 2439CE

■ A0A5CE

■ 1027CE

■ B4B7CE

■ 0019CE

■ C9CACE

■ DEDCCE

■ F2EECE

■ FFFFCE

# Harmonies

## Analogous

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



0080D5



626FCE



A55AB0

# Triad

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



626FCE



B95E2B



008C6A

# Complementary

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



626FCE



CEC162

# 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.



29883B



626FCE



977107

# Square

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



626FCE



CA4C55



6B7F12



008D9B

# Rectangle

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



626FCE



BE4D93



6B7F12



008B5A



# Sweetspot

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



626FCE



D6DBFF



62CEC0



676A80



000000



808080



# Same Dimension

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



626FCE



5E72FF



8A62CE



5C5D66



0014A6



000526



# Inverse Universe

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



CE626F



FF5E72



A6CE62



665C5D



A60014

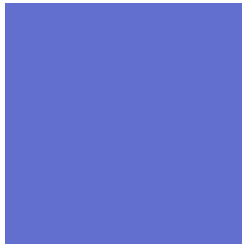


260005



# Previews

## White Background



This preview shows how the Hex color 626FCE 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

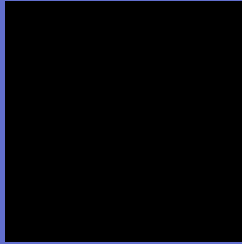
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 626FCE Background



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

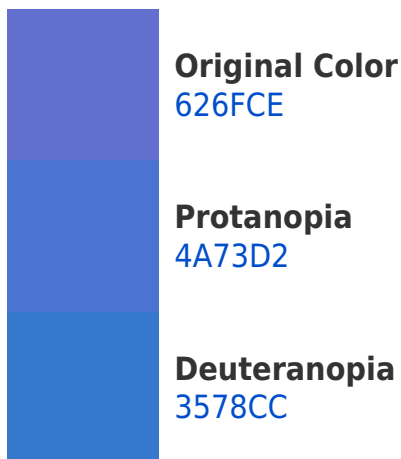


This preview shows how white text looks on a background with the Hex color 626FCE.

# 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](#).

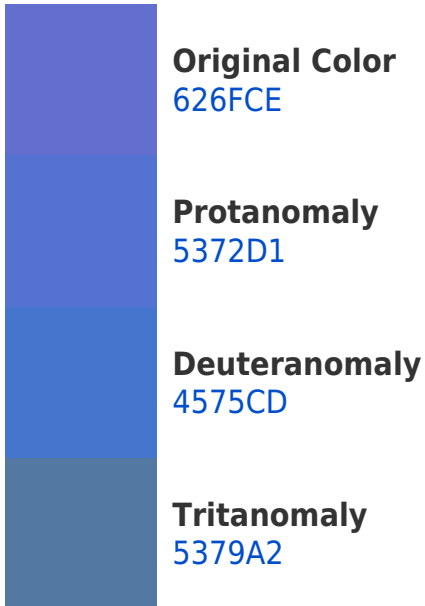
## Dichromacy





**Tritanopia**  
4B7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #626FCE colored shadow looks like.

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

## Border

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

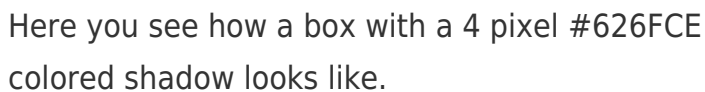
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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