

Converting Colors

Hex(626FB0)

Have a look what the booklet for
Hex(626FB0) contains.

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Color

Hex(626FB0)

Conversions

Conversions Part 1

Format	Color
Hex	626FB0
RGB	98, 111, 176
RGB Percent	38%, 44%, 69%
CMY	0.6157, 0.5647, 0.3098
CMYK	0.44, 0.37, 0.00, 0.31
HSL	230°, 33%, 54%
HSV	230°, 44%, 69%
XYZ	18.5579, 17.1001, 43.3968
YIQ	114.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

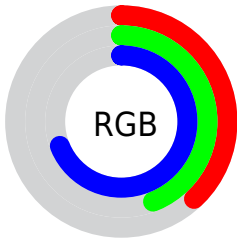
Format	Color
R _Y B	98, 109, 176
Decimal	6451120
CIE Lab	48.39, 12.54, -36.17
CIE LCh	48, 38.287, 289.123
Yxy	17.1001, 0.2347, 0.2163
Android (android.graphics.Color)	4284641200 (0xFF626FB0)
YUV	114.5230, 30.3082, -14.4907
Hunter-Lab	41.3523, 7.7399, -33.2748

Details

The Hex color **626FB0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0A362**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **98A2E8**, and **2C407B** is the 20% darker color. If you saturate the color by 10%, you get **5060B0**, and if you desaturate by 10%, it is **747EB0**.

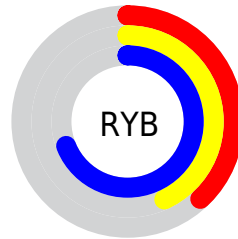
Distribution



Red (38%)

Green (44%)

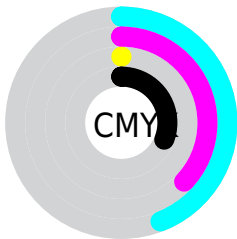
Blue (69%)



Red (38%)

Yellow (43%)

Blue (69%)

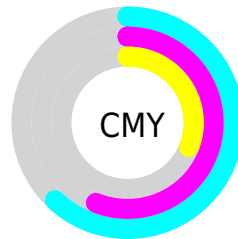


Cyan (44%)

Magenta (37%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (56%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 626FB0 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 626FB0 by changing the saturation by 10% instead.

■ 626FB0

■ 626FB0

FFFFFF

■ 475795

■ 98A2E8

■ 2C407B

■ B4BDFF

■ 0B2A62

■ D0D9FF

■ 00164A

■ EDF6FF

■ 000033

■ 00021D

■ 000000

■ 626FB0

■ 626FB0

■ 5060B0

■ 747EB0

■ 3F52B0

■ 858CB0

■ 2D43B0

■ 979BB0

■ 1C34B0

■ A8AAB0

■ 0A26B0

■ BAB8B0

■ 001DB0

■ CCC7B0

■ DDD6B0

■ EFE4B0

■ FFF3B0

Harmonies

Analogous

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



037AB2



626FB0



8F629E

Triad

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



626FB0



A66143



058366

Complementary

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



626FB0



B0A362

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.



4C7F47



626FB0



906D32

Square

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



626FB0



B0585F



727733



008387

Rectangle

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



626FB0



A25B8B



727733



29825B

Sweetspot

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



626FB0



C8CDE6



62B0A3



606373



F2F2F2



737373

Same Dimension

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



626FB0



6C80E6



7C62B0



505259



001A99



00041A

Inverse Universe

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



B0626F



E66C80



96B062



595052



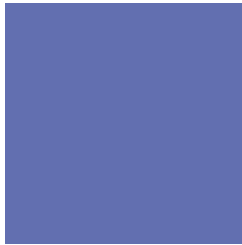
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 626FB0 looks on a white background.

Color Contrast Check

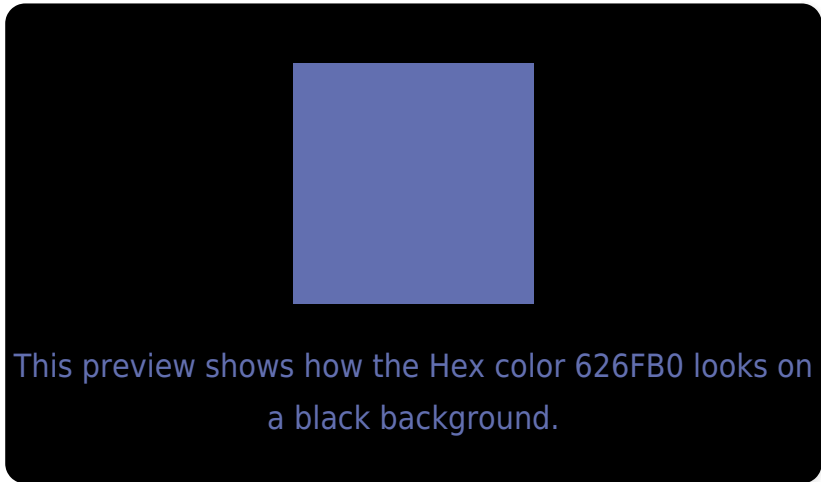
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

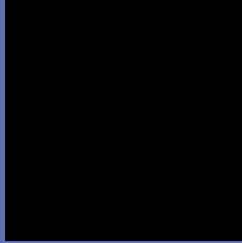
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 626FB0 Background



This preview shows how black text looks on a background with the Hex color 626FB0.

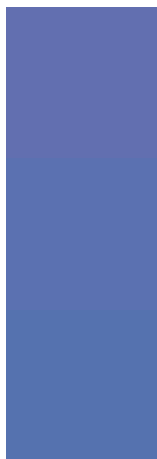


This preview shows how white text looks on a background with the Hex color 626FB0.

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
626FB0

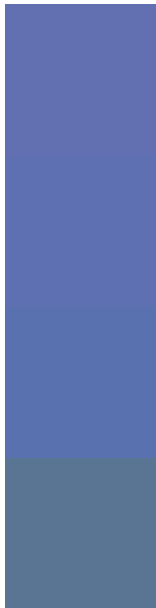
Protanopia
5B71B1

Deuteranopia
5572AF



Tritanopia
557882

Trichromacy



Original Color
626FB0

Protanomaly
5E70B1

Deuteranomaly
5A71AF

Tritanomaly
5A7593

Monochromacy



Original Color
626FB0

Achromatopsia
737373

Achromatomaly
6D7289

CSS Examples

Text

The CSS property to change the color of the text to Hex 626FB0 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 #626FB0 looks like.

```
.text, #text, p{  
    color:#626FB0  
}
```

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 #626FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626FB0
}
```

Border

The CSS property to change the border of an element to Hex 626FB0 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
#626FB0 }
```

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

```
.border{ border-color:#626FB0 }
```

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

Here you see how a box with a 4 pixel #626FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626FB0; -webkit-box-shadow:4px 4px  
4px 4px #626FB0; box-shadow:4px 4px 4px  
4px #626FB0 }
```

Background

The CSS property to change the background color of an element to Hex 626FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626FB0 }
```

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

```
.background{ background-color:#626FB0 }
```

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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