

Converting Colors

Hex(636BA4)

Have a look what the booklet for
Hex(636BA4) contains.

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Color

Hex(636BA4)

Conversions

Conversions Part 1

Format	Color
Hex	636BA4
RGB	99, 107, 164
RGB Percent	39%, 42%, 64%
CMY	0.6118, 0.5804, 0.3569
CMYK	0.40, 0.35, 0.00, 0.36
HSL	233°, 26%, 52%
HSV	233°, 40%, 64%
XYZ	17.1041, 15.8484, 37.2795
YIQ	111.1060, -23.0650, 16.0310

Conversions

Conversions Part 2

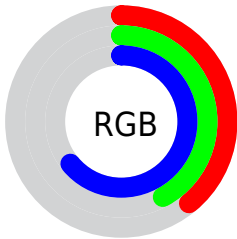
Format	Color
R_{YB}	99, 106, 164
Decimal	6515620
CIE _{Lab}	46.77, 11.71, -31.68
CIE _{LCh}	47, 33.776, 290.277
Yxy	15.8484, 0.2435, 0.2257
Android (android.graphics.Color)	4284705700 (0xFF636BA4)
YUV	111.1060, 26.0767, -10.6170
Hunter-Lab	39.8100, 7.0239, -27.6543

Details

The Hex color **636BA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49C63**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **989EDB**, and **303C70** is the 20% darker color. If you saturate the color by 10%, you get **535DA4**, and if you desaturate by 10%, it is **7379A4**.

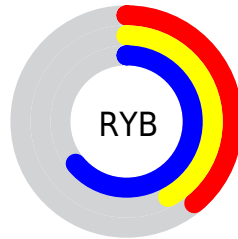
Distribution



Red (39%)

Green (42%)

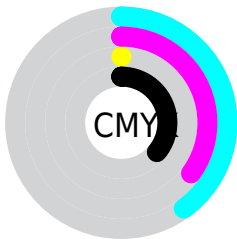
Blue (64%)



Red (39%)

Yellow (42%)

Blue (64%)

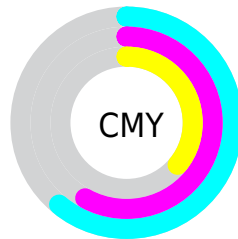


Cyan (40%)

Magenta (35%)

Yellow (0%)

Black (36%)



Cyan (61%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636BA4 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 636BA4 by changing the saturation by 10% instead.

■ 636BA4

■ 636BA4

FFFFFF

■ 49538A

■ 989EDB

■ 303C70

■ B4B9F8

■ 142657

■ D0D5FF

■ 00133F

■ ECF1FF

■ 000329

■ 000113

■ 000000

■ 636BA4

■ 636BA4

■ 535DA4

■ 7379A4

■ 424EA4

■ 8488A4

■ 3240A4

■ 9496A4

■ 2131A4

■ A5A5A4

■ 1123A4

■ B5B3A4

■ 0115A4

■ C5C1A4

■ 0014A4

■ D6D0A4

■ E6DEA4

■ F7ECA4

Harmonies

Analogous

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



2975A6



636BA4



896093

Triad

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



636BA4



9C6044



1D7D64

Complementary

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



636BA4



A49C63

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.



4C7A49



636BA4



886A36

Square

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



636BA4



A5595D



6D7338



007D82

Rectangle

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



636BA4



9A5A83



6D7338



317C5B

Sweetspot

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



636BA4



BCC0D6



63A49B



5C5E6B



EBEBEB



6B6B6B

Same Dimension

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



636BA4



6F7CD6



7B63A4



494A52



001291



000212

Inverse Universe

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



A4636B



D66F7C



8CA463



52494A



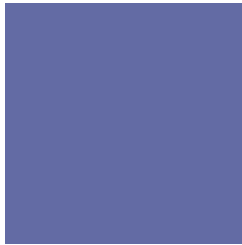
910012



120002

Previews

White Background



This preview shows how the Hex color 636BA4 looks on a white background.

Color Contrast Check

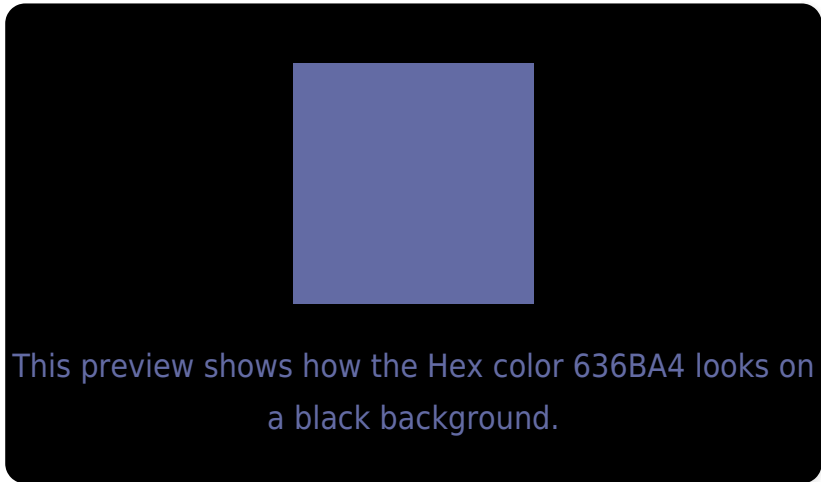
Large Text (above 18pt) WCAG AA ✓ Pass

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 636BA4 Background



This preview shows how black text looks on a background with the Hex color 636BA4.



This preview shows how white text looks on a background with the Hex color 636BA4.

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
636BA4

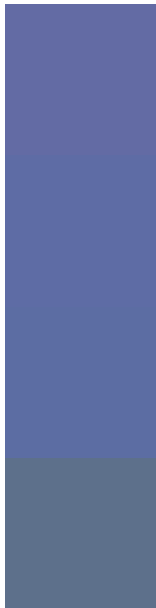
Protanopia
5B6DA6

Deuteranopia
586EA3



Tritanopia
59737C

Trichromacy



Original Color
636BA4

Protanomaly
5E6CA5

Deuteranomaly
5C6DA3

Tritanomaly
5D708B

Monochromacy



Original Color
636BA4

Achromatopsia
6F6F6F

Achromatomaly
6B6E82

CSS Examples

Text

The CSS property to change the color of the text to Hex 636BA4 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 #636BA4 looks like.

```
.text, #text, p{  
    color:#636BA4  
}
```

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 #636BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636BA4
}
```

Border

The CSS property to change the border of an element to Hex 636BA4 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
#636BA4 }
```

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

```
.border{ border-color:#636BA4 }
```

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

Here you see how a box with a 4 pixel #636BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636BA4; -webkit-box-shadow:4px 4px  
4px 4px #636BA4; box-shadow:4px 4px 4px  
4px #636BA4 }
```

Background

The CSS property to change the background color of an element to Hex 636BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636BA4 }
```

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

```
.background{ background-color:#636BA4 }
```

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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