

Converting Colors

Hex(666DBE)

Have a look what the booklet for
Hex(666DBE) contains.

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Color

Hex(666DBE)

Conversions

Conversions Part 1

Format	Color
Hex	666DBE
RGB	102, 109, 190
RGB Percent	40%, 43%, 75%
CMY	0.6000, 0.5725, 0.2549
CMYK	0.46, 0.43, 0.00, 0.25
HSL	235°, 40%, 57%
HSV	235°, 46%, 75%
XYZ	20.2424, 17.4798, 51.0222
YIQ	116.1410, -30.1730, 23.7070

Conversions

Conversions Part 2

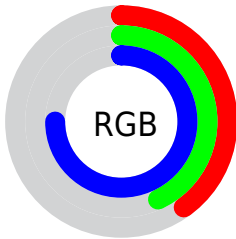
Format	Color
R _Y B	102, 108, 190
Decimal	6712766
CIE Lab	48.86, 19.03, -43.52
CIE LCh	49, 47.497, 293.616
Yxy	17.4798, 0.2281, 0.1970
Android (android.graphics.Color)	4284902846 (0xFF666DBE)
YUV	116.1410, 36.4125, -12.4017
Hunter-Lab	41.8088, 13.2582, -43.0896

Details

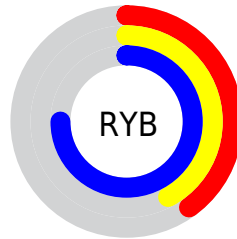
The Hex color **666DBE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BEB766**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9DA0F7**, and **2E3E88** is the 20% darker color. If you saturate the color by 10%, you get **535CBE**, and if you desaturate by 10%, it is **797EBE**.

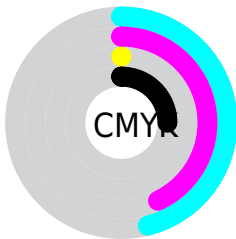
Distribution



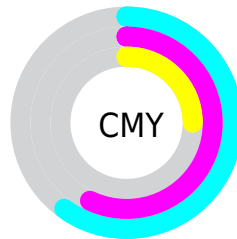
- Red (40%)
- Green (43%)
- Blue (75%)



- Red (40%)
- Yellow (42%)
- Blue (75%)



- Cyan (46%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666DBE 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 666DBE by changing the saturation by 10% instead.

■ 666DBE

■ 666DBE

FFFFFF

■ 4B55A3

■ 9DA0F7

■ 2E3E88

■ B9BBFF

■ 08286E

■ D6D7FF

■ 001555

■ F3F3FF

■ 00003E

■ 000327

■ 000110

■ 000000

■ 666DBE

■ 666DBE

■ 535CBE

■ 797EBE

■ 404ABE

■ 8C90BE

■ 2D39BE

■ 9FA1BE

■ 1A27BE

■ B2B3BE

■ 0716BE

■ C5C4BE

■ 000FBE

■ D8D6BE

■ EBE7BE

■ FEF9BE

■ FFFFBE

Harmonies

Analogous

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



007BC4



666DBE



9D5CA4

Triad

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



666DBE



AE5F34



00876A

Complementary

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



666DBE



BEB766

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.



378342



666DBE



916F1E

Square

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



666DBE



BD5256



6A7B24



008793

Rectangle

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



666DBE



B2538C



6A7B24



00865C

Sweetspot

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



666DBE



D5D7F7



66BEB7



68697D



FCFCFC



7D7D7D

Same Dimension

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



666DBE



6D78F7



8B66BE



55565E



000D9E



00021F

Inverse Universe

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



BE666D



F76D78



99BE66



5E5556



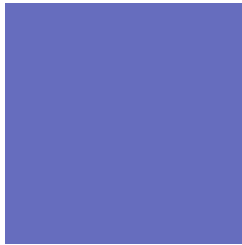
9E000D



1F0002

Previews

White Background



This preview shows how the Hex color 666DBE looks on a white background.

Color Contrast Check

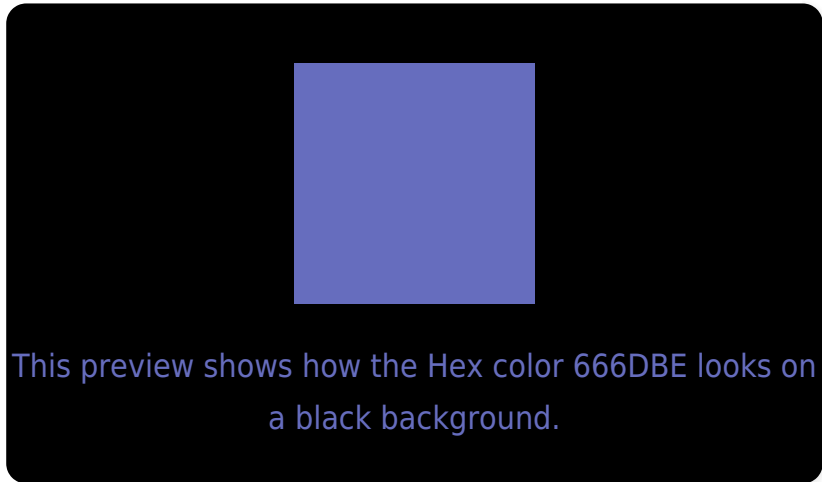
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 666DBE Background



This preview shows how black text looks on a background with the Hex color 666DBE.




This preview shows how white text looks on a background with the Hex color 666DBE.

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](#).

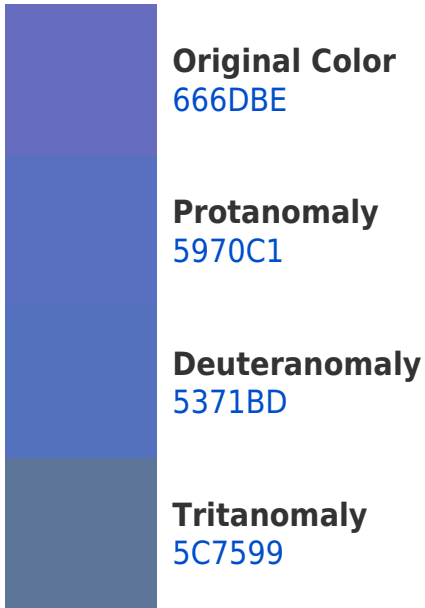
Dichromacy





Tritanopia
567A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 666DBE 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 #666DBE looks like.

```
.text, #text, p{  
    color:#666DBE  
}
```

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 #666DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666DBE
}
```

Border

The CSS property to change the border of an element to Hex 666DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

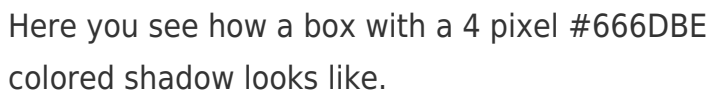
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666DBE }
```

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

```
.border{ border-color:#666DBE }
```

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



Here you see how a box with a 4 pixel #666DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666DBE; -webkit-box-shadow:4px 4px  
4px 4px #666DBE; box-shadow:4px 4px 4px  
4px #666DBE }
```

Background

The CSS property to change the background color of an element to Hex 666DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666DBE }
```

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

```
.background{ background-color:#666DBE }
```

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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