

Converting Colors

Hex(686CBE)

Have a look what the booklet for
Hex(686CBE) contains.

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Color

Hex(686CBE)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 686CBE |
| RGB | 104, 108, 190 |
| RGB Percent | 41%, 42%, 75% |
| CMY | 0.5922, 0.5765, 0.2549 |
| CMYK | 0.45, 0.43, 0.00, 0.25 |
| HSL | 237°, 40%, 58% |
| HSV | 237°, 45%, 75% |
| XYZ | 20.3657, 17.3859, 50.9976 |
| YIQ | 116.1520, -28.7060, 24.6540 |

Conversions

Conversions Part 2

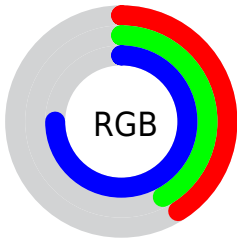
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 104, 108, 190 |
| Decimal | 6843582 |
| CIELab | 48.74, 20.13, -43.69 |
| CIELCh | 49, 48.110, 294.740 |
| Yxy | 17.3859, 0.2295, 0.1959 |
| Android (android.graphics.Color) | 4285033662 (0xFF686CBE) |
| YUV | 116.1520, 36.4071, -10.6573 |
| Hunter-Lab | 41.6964, 14.2160, -43.3284 |

Details

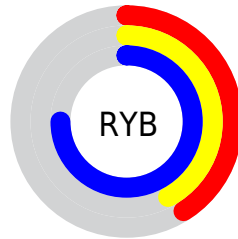
The Hex color **686CBE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BEBA68**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9F9FF7**, and **313D88** is the 20% darker color. If you saturate the color by 10%, you get **555ABE**, and if you desaturate by 10%, it is **7B7EBE**.

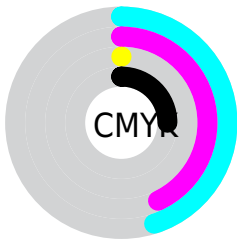
Distribution



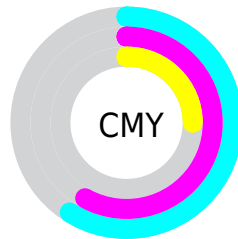
- Red (41%)
- Green (42%)
- Blue (75%)



- Red (41%)
- Yellow (42%)
- Blue (75%)



- Cyan (45%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (59%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686CBE 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 686CBE by changing the saturation by 10% instead.

■ 686CBE

■ 686CBE

FFFFFF

■ 4D54A3

■ 9F9FF7

■ 313D88

■ BBBAFF

■ 0D276E

■ D8D6FF

■ 001455

■ F5F2FF

■ 00003E

■ 000327

■ 000110

■ 000000

■ 686CBE

■ 686CBE

■ 555ABE

■ 7B7EBE

■ 4248BE

■ 8E90BE

■ 2F36BE

■ A1A2BE

■ 1C24BE

■ B4B4BE

■ 0911BE

■ C7C7BE

■ 0009BE

■ DAD9BE

■ EDEBBE

■ FFFDBE

■ FFFFBE

Harmonies

Analogous

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



007BC5



686CBE



9E5BA3

Triad

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



686CBE



AD5F31



00876B

Complementary

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



686CBE



BEBA68

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.



328342



686CBE



8F6F1C

Square

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



686CBE



BD5154



687C23



008795

Rectangle

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



686CBE



B3518A



687C23



00865D

Sweetspot

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



686CBE



D5D6F7



68BEBA



68697D



FCFCFC



7D7D7D

Same Dimension

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



686CBE



7278F7



8F68BE



55555E



00079E



00011F

Inverse Universe

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



BE686C



F77278



97BE68



5E5555



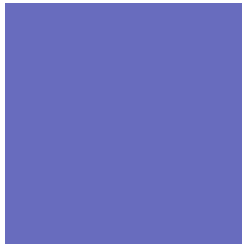
9E0007



1F0001

Previews

White Background



This preview shows how the Hex color 686CBE looks on a white background.

Color Contrast Check

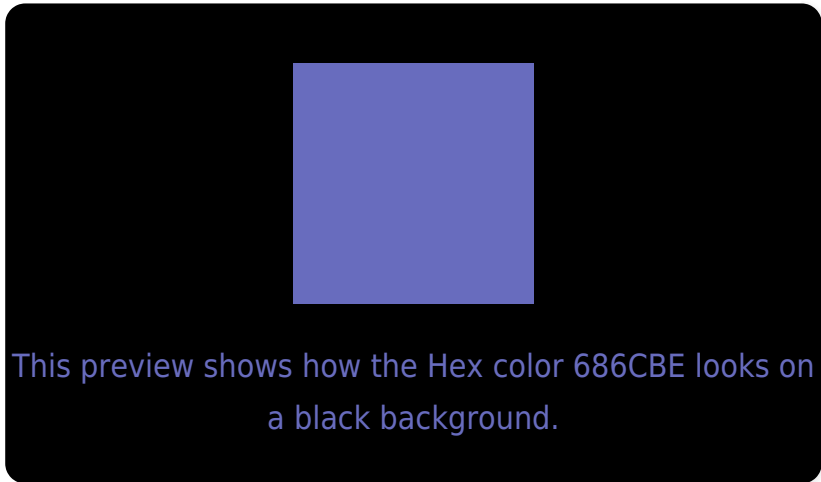
Large Text (above 18pt) WCAG AA ✓ Pass

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

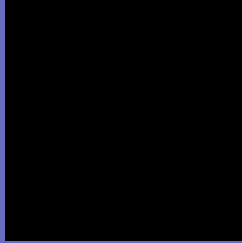
Any Text WCAG AA × Fail

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 686CBE Background



This preview shows how black text looks on a background with the Hex color 686CBE.



This preview shows how white text looks on a background with the Hex color 686CBE.

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](#).

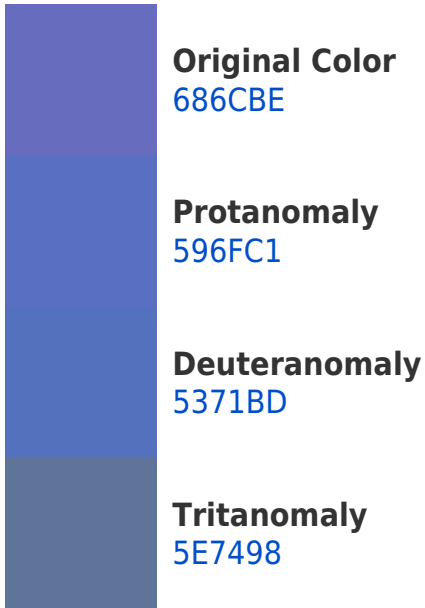
Dichromacy





Tritanopia
587983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 686CBE 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 #686CBE looks like.

```
.text, #text, p{  
    color:#686CBE  
}
```

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 #686CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686CBE
}
```

Border

The CSS property to change the border of an element to Hex 686CBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

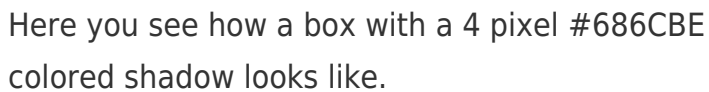
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686CBE }
```

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

```
.border{ border-color:#686CBE }
```

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



Here you see how a box with a 4 pixel #686CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686CBE; -webkit-box-shadow:4px 4px  
4px 4px #686CBE; box-shadow:4px 4px 4px  
4px #686CBE }
```

Background

The CSS property to change the background color of an element to Hex 686CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686CBE }
```

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

```
.background{ background-color:#686CBE }
```

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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