

Converting Colors

Hex(686A83)

Have a look what the booklet for
Hex(686A83) contains.

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Color

Hex(686A83)

Conversions

Conversions Part 1

Format	Color
Hex	686A83
RGB	104, 106, 131
RGB Percent	41%, 42%, 51%
CMY	0.5922, 0.5843, 0.4863
CMYK	0.21, 0.19, 0.00, 0.49
HSL	236°, 11%, 46%
HSV	236°, 21%, 51%
XYZ	14.9597, 14.8898, 23.5583
YIQ	108.2520, -9.2170, 7.3510

Conversions

Conversions Part 2

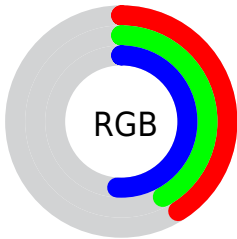
Format	Color
RYB	104, 106, 131
Decimal	6843011
CIELab	45.48, 4.95, -14.06
CIELCh	45, 14.907, 289.380
Yxy	14.8898, 0.2801, 0.2788
Android (android.graphics.Color)	4285033091 (0xFF686A83)
YUV	108.2520, 11.2148, -3.7290
Hunter-Lab	38.5873, 1.6738, -9.1865

Details

The Hex color **686A83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **838168**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9B9DB8**, and **383B52** is the 20% darker color. If you saturate the color by 10%, you get **5B5E83**, and if you desaturate by 10%, it is **757683**.

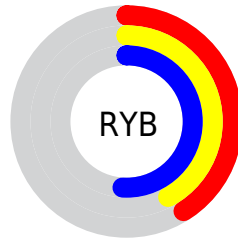
Distribution



Red (41%)

Green (42%)

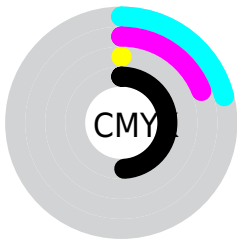
Blue (51%)



Red (41%)

Yellow (42%)

Blue (51%)

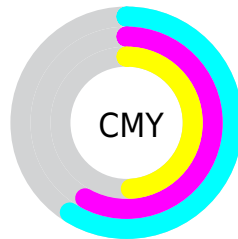


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (49%)



Cyan (59%)

Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686A83 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 686A83 by changing the saturation by 10% instead.



686A83



686A83

FFFFFF



50526A



9B9DB8



383B52



B6B8D4



22253B



D2D4F0



0E1025



EFF0FF



00010F



000000



686A83



686A83



5B5E83



757683



4E5283



828283

■ 414683

■ 8F8E83

■ 343983

■ 9C9B83

■ 272D83

■ AAA783

■ 192183

■ B7B383

■ 0C1583

■ C4BF83

■ 000A83

■ D1CB83

■ DED783

Harmonies

Analogous

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



576E84



686A83



77667C

Triad

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



686A83



826559



517367

Complementary

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



686A83



838168

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.



5E715B



686A83



796953

Square

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



686A83



866364



6D6D54



4A7373

Rectangle

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



686A83



7F6475



6D6D54



557263

Sweetspot

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



686A83



A1A1AB



688381



515157



D6D6D6



575757

Same Dimension

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



686A83



8083AB



736883



3C3C42



000A82



000003

Inverse Universe

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



83686A



AB8083



788368



423C3C



82000A



030000

Previews

White Background



This preview shows how the Hex color 686A83 looks on a white background.

Color Contrast Check

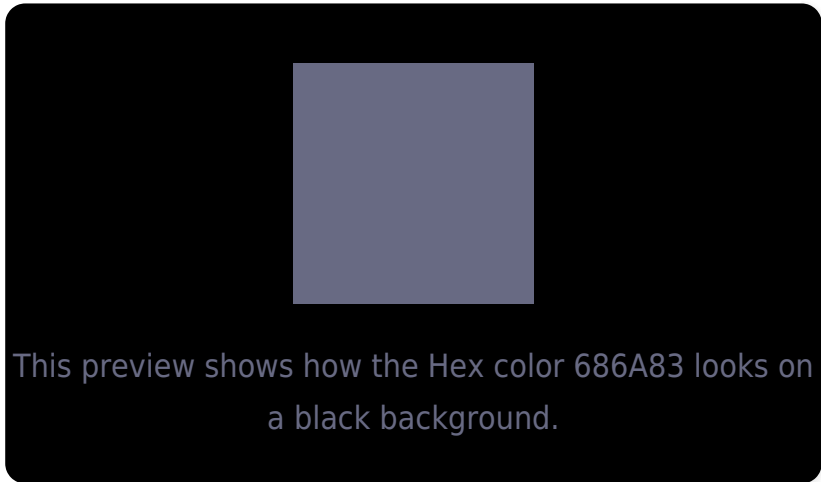
Large Text (above 18pt) WCAG AA ✓ Pass

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

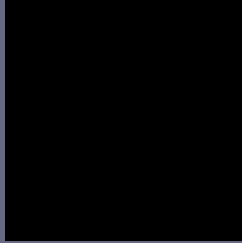
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

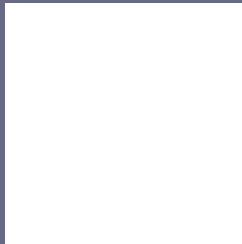
Any Text WCAG AAA × Fail

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

Hex 686A83 Background



This preview shows how black text looks on a background with the Hex color 686A83.



This preview shows how white text looks on a background with the Hex color 686A83.

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

686A83

Protanopia

666B83

Deuteranopia

6A6983



Tritanopia
656C75

Trichromacy



Original Color
686A83

Protanomaly
676B83

Deuteranomaly
696983

Tritanomaly
666B7A

Monochromacy



Original Color
686A83

Achromatopsia
6C6C6C

Achromatomaly
6B6B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 686A83 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 #686A83 looks like.

```
.text, #text, p{  
    color:#686A83  
}
```

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 #686A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686A83
}
```

Border

The CSS property to change the border of an element to Hex 686A83 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
#686A83 }
```

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

```
.border{ border-color:#686A83 }
```

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

Here you see how a box with a 4 pixel #686A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686A83; -webkit-box-shadow:4px 4px  
4px 4px #686A83; box-shadow:4px 4px 4px  
4px #686A83 }
```

Background

The CSS property to change the background color of an element to Hex 686A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686A83 }
```

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

```
.background{ background-color:#686A83 }
```

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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