

Converting Colors

Hex(6A5F86)

Have a look what the booklet for
Hex(6A5F86) contains.

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Color

Hex(6A5F86)

Conversions

Conversions Part 1

Format	Color
Hex	6A5F86
RGB	106, 95, 134
RGB Percent	42%, 37%, 53%
CMY	0.5843, 0.6275, 0.4745
CMYK	0.21, 0.29, 0.00, 0.47
HSL	257°, 17%, 45%
HSV	257°, 29%, 53%
XYZ	14.3391, 12.9698, 24.3019
YIQ	102.7350, -5.9630, 14.4610

Conversions

Conversions Part 2

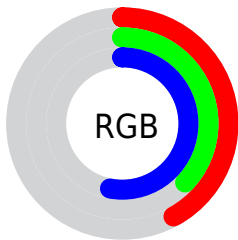
Format	Color
R_{YB}	106, 95, 134
Decimal	6971270
CIE Lab	42.72, 13.08, -20.08
CIE LCh	43, 23.964, 303.080
Yxy	12.9698, 0.2778, 0.2513
Android (android.graphics.Color)	4285161350 (0xFF6A5F86)
YUV	102.7350, 15.4136, 2.8634
Hunter-Lab	36.0136, 8.0475, -14.7992

Details

The Hex color **6A5F86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B865F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9E91BB**, and **3A3154** is the 20% darker color. If you saturate the color by 10%, you get **605286**, and if you desaturate by 10%, it is **746C86**.

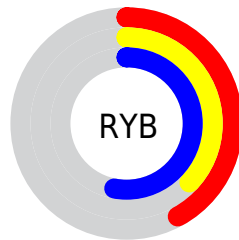
Distribution



Red (42%)

Green (37%)

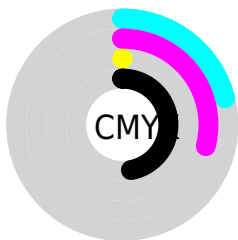
Blue (53%)



Red (42%)

Yellow (37%)

Blue (53%)

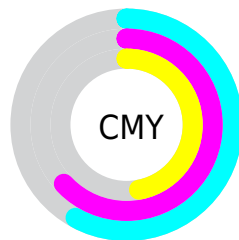


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5F86 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 6A5F86 by changing the saturation by 10% instead.

■ 6A5F86

■ 6A5F86

FFFFFF

■ 51476D

■ 9E91BB

■ 3A3154

■ B9ACD7

■ 231C3D

■ D5C7F4

■ 100227

■ F1E3FF

■ 000111

■ 000000

■ 6A5F86

■ 6A5F86

■ 605286

■ 746C86

■ 574486

■ 7D7A86

■ 4D3786

■ 878786

■ 442986

■ 909586

■ 3A1C86

■ 9AA286

■ 300F86

■ A4AF86

■ 270186

■ ADBD86

■ 260086

■ B7CA86

■ C1D886

Harmonies

Analogous

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



4C668C



6A5F86



805977

Triad

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



6A5F86



815E42



2B7066

Complementary

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



6A5F86



7B865F

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.



446E52



6A5F86



70643D

Square

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



6A5F86



8B5850



5B6A43



1B6F7A

Rectangle

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



6A5F86



88566A



5B6A43



336F5F

Sweetspot

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



6A5F86



A29EAD



5F7C86



504D57



D6D6D6



575757

Same Dimension

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



6A5F86



8271AD



7D5F86



3E3C42



250082



010003

Inverse Universe

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



865F7B



AD719C



68865F



423C40



82005D



030002

Previews

White Background



This preview shows how the Hex color 6A5F86 looks on a white background.

Color Contrast Check

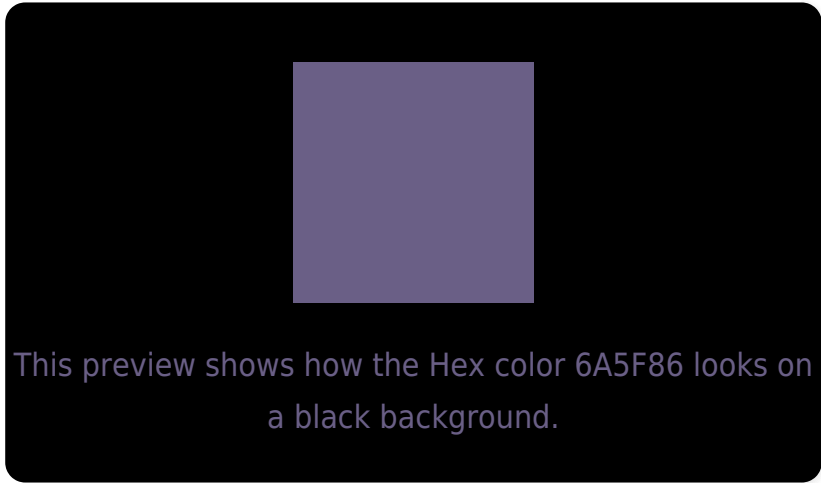
Large Text (above 18pt) WCAG AA ✓ Pass

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

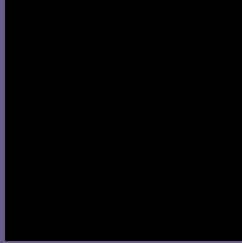
Any Text WCAG AA × Fail

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 6A5F86 Background



This preview shows how black text looks on a background with the Hex color 6A5F86.



This preview shows how white text looks on a background with the Hex color 6A5F86.

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
6A5F86

Protanopia
5A6489

Deuteranopia
5D6385



Tritanopia
65646C

Trichromacy



Original Color
6A5F86

Protanomaly
606288

Deuteranomaly
626285

Tritanomaly
676275

Monochromacy



Original Color
6A5F86

Achromatopsia
676767

Achromatomaly
686472

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5F86 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 #6A5F86 looks like.

```
.text, #text, p{  
    color:#6A5F86  
}
```

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 #6A5F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5F86
}
```

Border

The CSS property to change the border of an element to Hex 6A5F86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

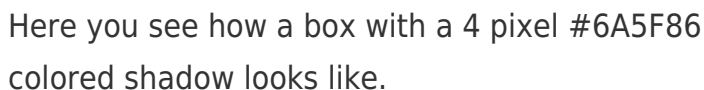
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5F86 }
```

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

```
.border{ border-color:#6A5F86 }
```

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



Here you see how a box with a 4 pixel #6A5F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5F86; -webkit-box-shadow:4px 4px  
4px 4px #6A5F86; box-shadow:4px 4px 4px  
4px #6A5F86 }
```

Background

The CSS property to change the background color of an element to Hex 6A5F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5F86 }
```

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

```
.background{ background-color:#6A5F86 }
```

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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