

Converting Colors

Hex(6A86AE)

Have a look what the booklet for
Hex(6A86AE) contains.

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Color

Hex(6A86AE)

Conversions

Conversions Part 1

Format	Color
Hex	6A86AE
RGB	106, 134, 174
RGB Percent	42%, 53%, 68%
CMY	0.5843, 0.4745, 0.3176
CMYK	0.39, 0.23, 0.00, 0.32
HSL	215°, 30%, 55%
HSV	215°, 39%, 68%
XYZ	22.1089, 23.1704, 43.3515
YIQ	130.1880, -29.5280, 6.5040

Conversions

Conversions Part 2

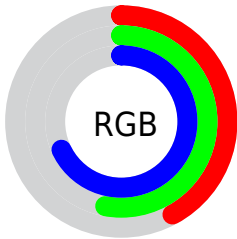
Format	Color
R_{YB}	106, 126, 174
Decimal	6981294
CIE _{Lab}	55.25, 0.40, -24.29
CIE _{LCh}	55, 24.296, 270.944
Y _{xy}	23.1704, 0.2494, 0.2614
Android (android.graphics.Color)	4285171374 (0xFF6A86AE)
YUV	130.1880, 21.5993, -21.2129
Hunter-Lab	48.1356, -2.2513, -19.7023

Details

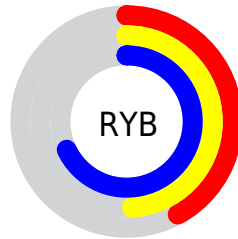
The Hex color **6A86AE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE926A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9FBBE6**, and **365579** is the 20% darker color. If you saturate the color by 10%, you get **597CAE**, and if you desaturate by 10%, it is **7B90AE**.

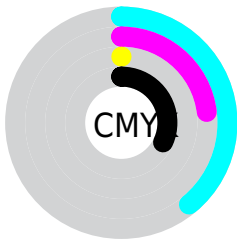
Distribution



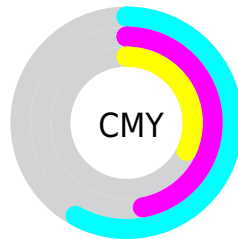
- Red (42%)
- Green (53%)
- Blue (68%)



- Red (42%)
- Yellow (49%)
- Blue (68%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (32%)



- Cyan (58%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A86AE 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 6A86AE by changing the saturation by 10% instead.

■ 6A86AE

■ 6A86AE

FFFFFF

■ 506D93

■ 9FBBE6

■ 365579

■ BBD7FF

■ 1C3E60

■ D7F3FF

■ 002849

■ F4FFFF

■ 001332

■ 00021D

■ 000000

■ 6A86AE

■ 6A86AE

■ 597CAE

■ 7B90AE

■ 4772AE

■ 8D9AAE

■ 3667AE

■ 9EA5AE

■ 245DAE

■ B0AFAE

■ 1353AE

■ C1B9AE

■ 0249AE

■ D2C3AE

■ 0048AE

■ E4CEAE

■ F5D8AE

■ FFE2AE

Harmonies

Analogous

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



4E8CA8



6A86AE



887FA8

Triad

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



6A86AE



AE7670



648E6F

Complementary

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



6A86AE



AE926A

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.



7C8A60



6A86AE



A47C60

Square

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



6A86AE



AD7584



93835A



4D9084

Rectangle

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



6A86AE



997A9F



93835A



6C8D69

Sweetspot

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



6A86AE



C8D3E3



6AAE92



636973



F2F2F2



737373

Same Dimension

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



6A86AE



78A4E3



706AAE



4E5257



003E96



000917

Inverse Universe

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



AE6A86



E378A4



A8AE6A



574E52



96003E



170009

Previews

White Background



This preview shows how the Hex color 6A86AE looks on a white 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

Black Background



This preview shows how the Hex color 6A86AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

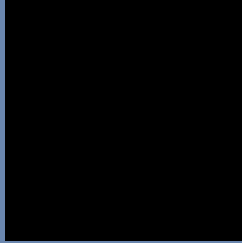
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

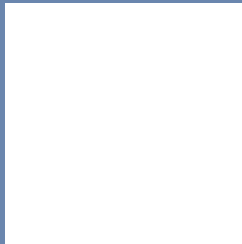
Any Text WCAG AAA × Fail

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

Hex 6A86AE Background



This preview shows how black text looks on a background with the Hex color 6A86AE.

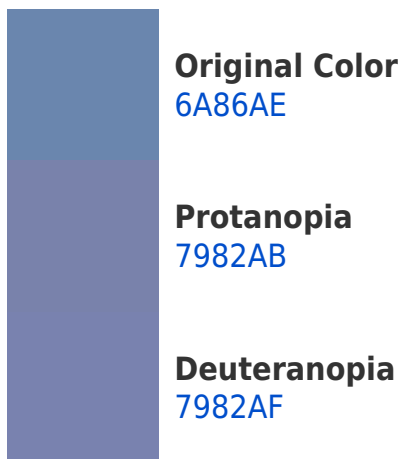


This preview shows how white text looks on a background with the Hex color 6A86AE.

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](#).

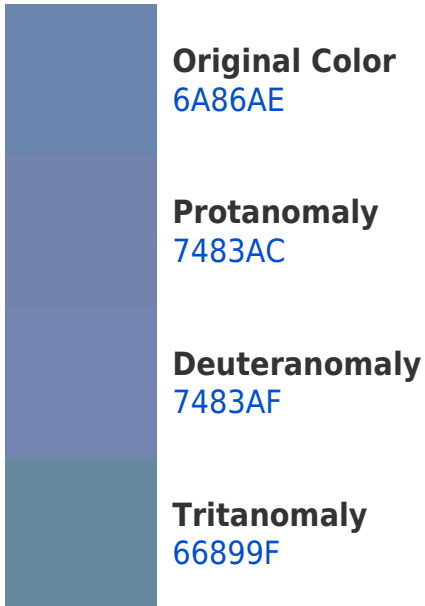
Dichromacy





Tritanopia
648A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A86AE 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 #6A86AE looks like.

```
.text, #text, p{  
    color:#6A86AE  
}
```

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 #6A86AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A86AE
}
```

Border

The CSS property to change the border of an element to Hex 6A86AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

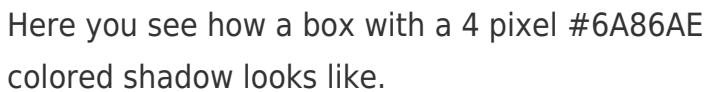
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A86AE }
```

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

```
.border{ border-color:#6A86AE }
```

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



Here you see how a box with a 4 pixel #6A86AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A86AE; -webkit-box-shadow:4px 4px  
4px 4px #6A86AE; box-shadow:4px 4px 4px  
4px #6A86AE }
```

Background

The CSS property to change the background color of an element to Hex 6A86AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A86AE }
```

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

```
.background{ background-color:#6A86AE }
```

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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