

Converting Colors

Hex(6A6A95)

Have a look what the booklet for
Hex(6A6A95) contains.

Hex(6A6A95)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A6A95)

Conversions

Conversions Part 1

Format	Color
Hex	6A6A95
RGB	106, 106, 149
RGB Percent	42%, 42%, 58%
CMY	0.5843, 0.5843, 0.4157
CMYK	0.29, 0.29, 0.00, 0.42
HSL	240°, 17%, 50%
HSV	240°, 29%, 58%
XYZ	16.5227, 15.5422, 30.5629
YIQ	110.9020, -13.8030, 13.3730

Conversions

Conversions Part 2

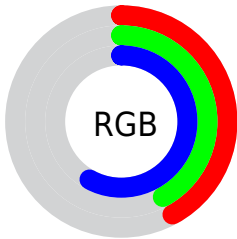
Format	Color
R _Y B	106, 106, 149
Decimal	6974101
CIE Lab	46.37, 10.22, -23.42
CIE LCh	46, 25.554, 293.584
Yxy	15.5422, 0.2638, 0.2482
Android (android.graphics.Color)	4285164181 (0xFF6A6A95)
YUV	110.9020, 18.7823, -4.2991
Hunter-Lab	39.4236, 5.8195, -18.3677

Details

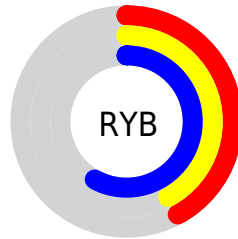
The Hex color **6A6A95** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95956A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9E9DCB**, and **393B62** is the 20% darker color. If you saturate the color by 10%, you get **5B5B95**, and if you desaturate by 10%, it is **797995**.

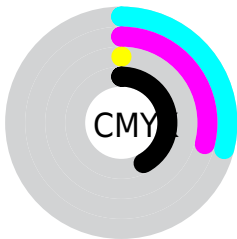
Distribution



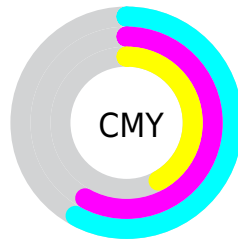
- Red (42%)
- Green (42%)
- Blue (58%)



- Red (42%)
- Yellow (42%)
- Blue (58%)



- Cyan (29%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6A95 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 6A6A95 by changing the saturation by 10% instead.

■ 6A6A95

■ 6A6A95

FFFFFF

■ 51527B

■ 9E9DCB

■ 393B62

■ BAB8E7

■ 21254A

■ D5D4FF

■ 091133

■ F2F0FF

■ 00021E

■ 000000

■ 6A6A95

■ 6A6A95

■ 5B5B95

■ 797995

■ 4C4C95

■ 888895

■ 3D3D95

■ 979795

■ 2E2E95

■ A6A695

■ 1F1F95

■ B5B595

■ 111195

■ C3C395

■ 020295

■ D2D295

■ 000095

■ E1E195

■ F0F095

Harmonies

Analogous

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



487198



6A6A95



856288

Triad

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



6A6A95



90644C



377968

Complementary

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



6A6A95



95956A

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.



527754



6A6A95



806B43

Square

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



6A6A95



985E5E



6B7246



20797E

Rectangle

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



6A6A95



905F7B



6B7246



407961

Sweetspot

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



6A6A95



B0B0C2



6A9595



565661



E0E0E0



616161

Same Dimension

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



6A6A95



7E7EC2



806A95



43434A



00008A



00000A

Inverse Universe

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



956A95



C27EC2



80956A



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 6A6A95 looks on a white background.

Color Contrast Check

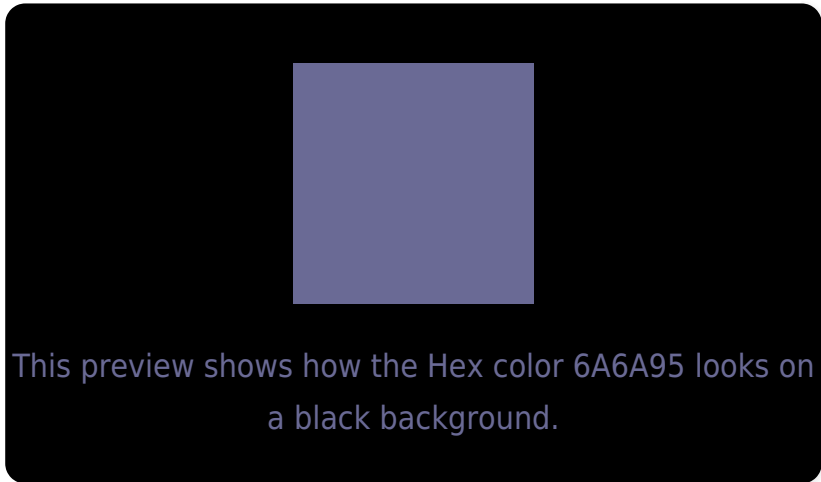
Large Text (above 18pt) WCAG AA ✓ Pass

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

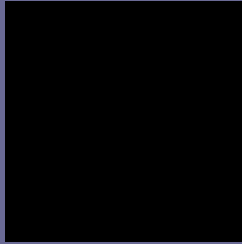
Any Text WCAG AA × Fail

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 6A6A95 Background



This preview shows how black text looks on a background with the Hex color 6A6A95.



This preview shows how white text looks on a background with the Hex color 6A6A95.

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](#).

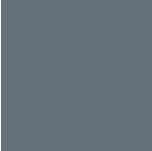
Dichromacy



Original Color
6A6A95

Protanopia
616C97

Deuteranopia
636C95



Tritanopia
646F78

Trichromacy



Original Color
6A6A95

Protanomaly
646B96

Deuteranomaly
666B95

Tritanomaly
666D83

Monochromacy



Original Color
6A6A95

Achromatopsia
6F6F6F

Achromatomaly
6D6D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6A95 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 #6A6A95 looks like.

```
.text, #text, p{  
    color:#6A6A95  
}
```

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 #6A6A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6A95
}
```

Border

The CSS property to change the border of an element to Hex 6A6A95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

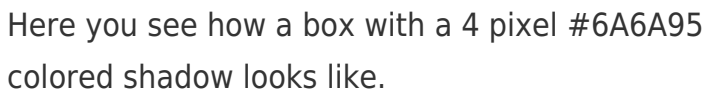
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6A95 }
```

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

```
.border{ border-color:#6A6A95 }
```

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



Here you see how a box with a 4 pixel #6A6A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6A95; -webkit-box-shadow:4px 4px  
4px 4px #6A6A95; box-shadow:4px 4px 4px  
4px #6A6A95 }
```

Background

The CSS property to change the background color of an element to Hex 6A6A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6A95 }
```

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

```
.background{ background-color:#6A6A95 }
```

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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