

Converting Colors

Hex(6A5588)

Have a look what the booklet for
Hex(6A5588) contains.

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Color

Hex(6A5588)

Conversions

Conversions Part 1

Format	Color
Hex	6A5588
RGB	106, 85, 136
RGB Percent	42%, 33%, 53%
CMY	0.5843, 0.6667, 0.4667
CMYK	0.22, 0.38, 0.00, 0.47
HSL	265°, 23%, 43%
HSV	265°, 38%, 53%
XYZ	13.6363, 11.3387, 24.7624
YIQ	97.0930, -3.8550, 20.3130

Conversions

Conversions Part 2

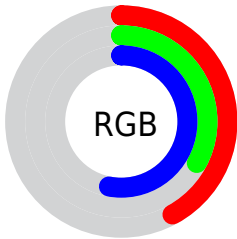
Format	Color
R_{YB}	106, 85, 136
Decimal	6968712
CIE _{Lab}	40.15, 19.75, -25.28
CIE _{LCh}	40, 32.075, 307.997
Yxy	11.3387, 0.2742, 0.2280
Android (android.graphics.Color)	4285158792 (0xFF6A5588)
YUV	97.0930, 19.1812, 7.8114
Hunter-Lab	33.6731, 13.3578, -20.0295

Details

The Hex color **6A5588** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **738855**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9E87BE**, and **392756** is the 20% darker color. If you saturate the color by 10%, you get **624788**, and if you desaturate by 10%, it is **726388**.

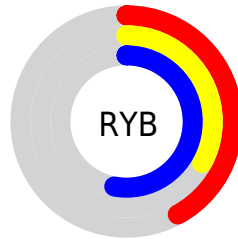
Distribution



Red (42%)

Green (33%)

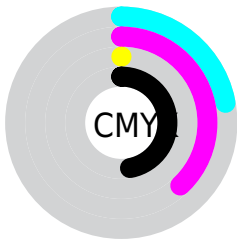
Blue (53%)



Red (42%)

Yellow (33%)

Blue (53%)

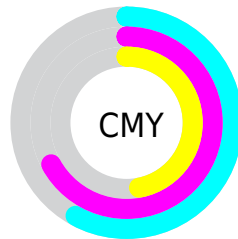


Cyan (22%)

Magenta (38%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (67%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5588 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 6A5588 by changing the saturation by 10% instead.

6A5588

6A5588

FFFFFF

513E6E

9E87BE

392756

B9A1D9

22133E

D5BCF6

110029

F2D8FF

000112

FFF5FF

000000

6A5588

6A5588

624788

726388

5A3A88

7A7088

■ 522C88

■ 827E88

■ 4A1F88

■ 8A8B88

■ 421188

■ 929988

■ 3A0388

■ 9AA788

■ 380088

■ A2B488

■ AAC288

■ B2CF88

Harmonies

Analogous

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



3F5F92



6A5588



854C73

Triad

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



6A5588



7E562E



006C65

Complementary

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



6A5588



738855

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.



276B4A



6A5588



685F29

Square

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



6A5588



8D4D40



4C6634



006B7E

Rectangle

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



6A5588



8E4961



4C6634



006C5C

Sweetspot

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



6A5588



A59DB0



557488



524E59



D9D9D9



595959

Same Dimension

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



6A5588



8161B0



835588



413E45



370085



020005

Inverse Universe

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



885573



B0618F



5A8855



453E42



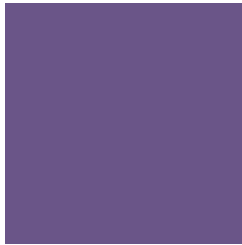
85004E



050003

Previews

White Background



This preview shows how the Hex color 6A5588 looks on a white background.

Color Contrast Check

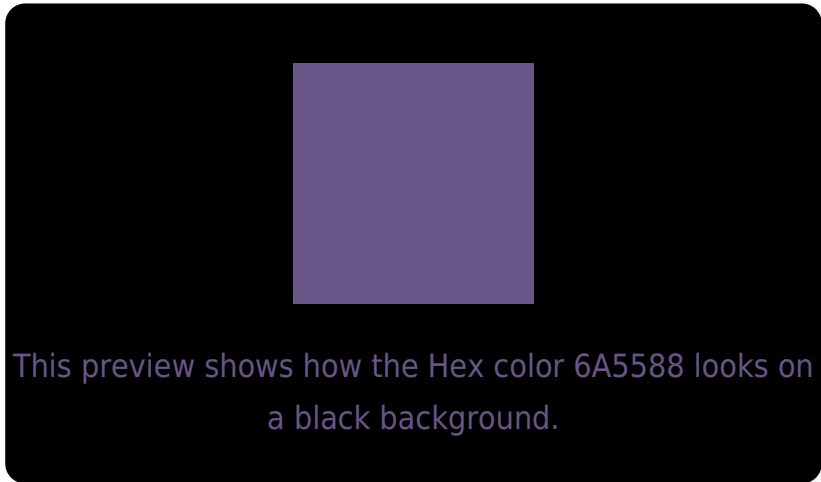
Large Text (above 18pt) WCAG AA ✓ Pass

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

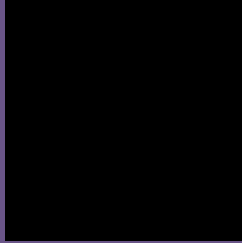
Any Text WCAG AA × Fail

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 6A5588 Background



This preview shows how black text looks on a background with the Hex color 6A5588.

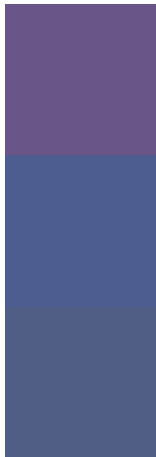


This preview shows how white text looks on a background with the Hex color 6A5588.

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
6A5588

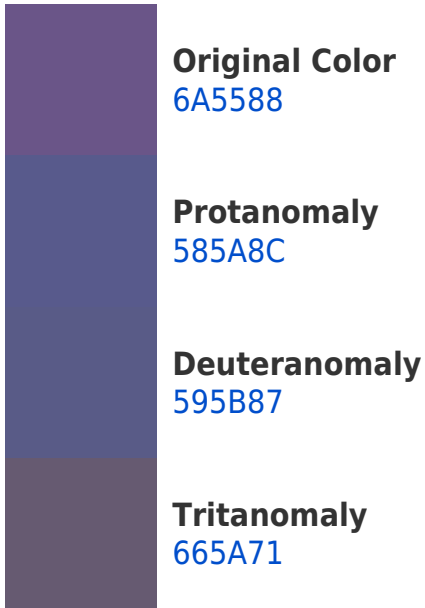
Protanopia
4E5D8F

Deuteranopia
505E86

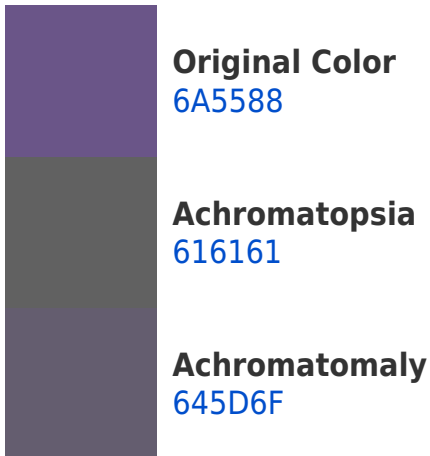


Tritanopia
645D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5588 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 #6A5588 looks like.

```
.text, #text, p{  
    color:#6A5588  
}
```

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 #6A5588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5588
}
```

Border

The CSS property to change the border of an element to Hex 6A5588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

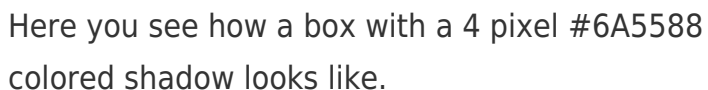
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5588 }
```

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

```
.border{ border-color:#6A5588 }
```

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



Here you see how a box with a 4 pixel #6A5588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5588; -webkit-box-shadow:4px 4px  
4px 4px #6A5588; box-shadow:4px 4px 4px  
4px #6A5588 }
```

Background

The CSS property to change the background color of an element to Hex 6A5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5588 }
```

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

```
.background{ background-color:#6A5588 }
```

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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