

Converting Colors

Hex(6A5676)

Have a look what the booklet for
Hex(6A5676) contains.

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Color

Hex(6A5676)

Conversions

Conversions Part 1

Format	Color
Hex	6A5676
RGB	106, 86, 118
RGB Percent	42%, 34%, 46%
CMY	0.5843, 0.6627, 0.5373
CMYK	0.10, 0.27, 0.00, 0.54
HSL	278°, 16%, 40%
HSV	278°, 27%, 46%
XYZ	12.5417, 11.0278, 18.6071
YIQ	95.6280, 1.6480, 14.1920

Conversions

Conversions Part 2

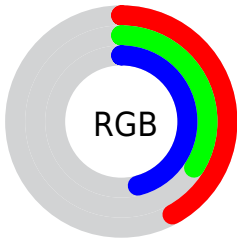
Format	Color
R_{YB}	106, 86, 118
Decimal	6968950
CIE _{Lab}	39.63, 14.78, -15.08
CIE _{LCh}	40, 21.113, 314.428
Yxy	11.0278, 0.2974, 0.2615
Android (android.graphics.Color)	4285159030 (0xFF6A5676)
YUV	95.6280, 11.0294, 9.0962
Hunter-Lab	33.2081, 9.2998, -9.9756

Details

The Hex color **6A5676** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **627656**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9E88AA**, and **3A2946** is the 20% darker color. If you saturate the color by 10%, you get **664A76**, and if you desaturate by 10%, it is **6E6276**.

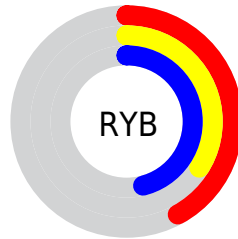
Distribution



Red (42%)

Green (34%)

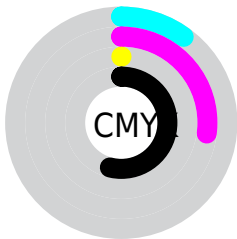
Blue (46%)



Red (42%)

Yellow (34%)

Blue (46%)

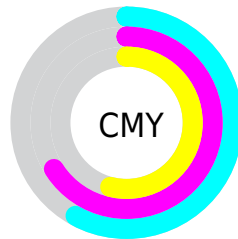


Cyan (10%)

Magenta (27%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5676 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 6A5676 by changing the saturation by 10% instead.

6A5676

6A5676

FFFFFF

523F5D

9E88AA

3A2946

B9A2C6

24142F

D4BDE2

10001B

F1D9FE

000000

FFF6FF

6A5676

6A5676

664A76

6E6276

613E76

736E76

5D3376

777976

582776

7C8576

541B76

809176

4F0F76

859D76

4B0376

89A976

4A0076

8DB476

92C076

Harmonies

Analogous

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



535C7E



6A5676



7A5167

Triad

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



6A5676



71593C



276765

Complementary

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



6A5676



627656

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.



396654



6A5676



615F3C

Square

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



6A5676



7C5446



4E6344



246575

Rectangle

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



6A5676



7F505B



4E6344



2C675F

Sweetspot

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



6A5676



948D99



566276



4A454D



CCCCCC



4D4D4D

Same Dimension

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



6A5676



866799



765672



38353B



4D007A



9C00FA

Inverse Universe

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



765662



996779



56765A



3B3537



7A002E



FA005E

Previews

White Background



This preview shows how the Hex color 6A5676 looks on a white background.

Color Contrast Check

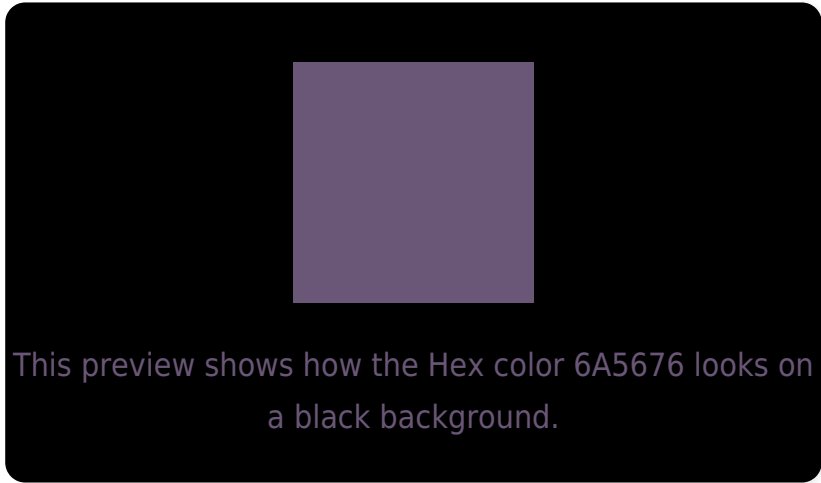
Large Text (above 18pt) WCAG AA ✓ Pass

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

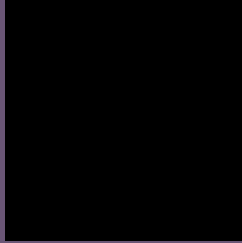
Any Text WCAG AA × Fail

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 6A5676 Background



This preview shows how black text looks on a background with the Hex color 6A5676.

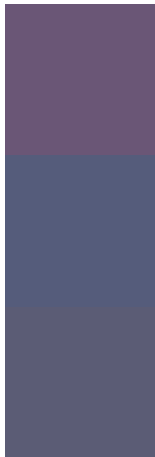


This preview shows how white text looks on a background with the Hex color 6A5676.

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
6A5676

Protanopia
555C7B

Deuteranopia
5B5C75



Tritanopia
675A61

Trichromacy



Original Color
6A5676

Protanomaly
5D5A79

Deuteranomaly
605A75

Tritanomaly
685969

Monochromacy



Original Color
6A5676

Achromatopsia
606060

Achromatomaly
645C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5676 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 #6A5676 looks like.

```
.text, #text, p{  
    color:#6A5676  
}
```

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 #6A5676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5676
}
```

Border

The CSS property to change the border of an element to Hex 6A5676 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
#6A5676 }
```

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

```
.border{ border-color:#6A5676 }
```

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

Here you see how a box with a 4 pixel #6A5676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5676; -webkit-box-shadow:4px 4px  
4px 4px #6A5676; box-shadow:4px 4px 4px  
4px #6A5676 }
```

Background

The CSS property to change the background color of an element to Hex 6A5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5676 }
```

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

```
.background{ background-color:#6A5676 }
```

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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