

Converting Colors

Hex(6B5287)

Have a look what the booklet for
Hex(6B5287) contains.

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Color

Hex(6B5287)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6B5287 |
| RGB | 107, 82, 135 |
| RGB Percent | 42%, 32%, 53% |
| CMY | 0.5804, 0.6784, 0.4706 |
| CMYK | 0.21, 0.39, 0.00, 0.47 |
| HSL | 268°, 24%, 43% |
| HSV | 268°, 39%, 53% |
| XYZ | 13.4539, 10.9097, 24.3183 |
| YIQ | 95.5170, -2.1130, 21.7830 |

Conversions

Conversions Part 2

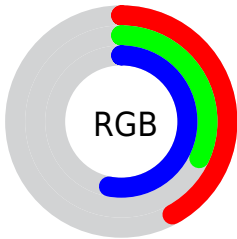
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 82, 135 |
| Decimal | 7033479 |
| CIE _{Lab} | 39.43, 21.67, -25.78 |
| CIE _{LCh} | 39, 33.675, 310.045 |
| Yxy | 10.9097, 0.2764, 0.2241 |
| Android (android.graphics.Color) | 4285223559 (0xFF6B5287) |
| YUV | 95.5170, 19.4651, 10.0706 |
| Hunter-Lab | 33.0298, 14.9055, -20.5317 |

Details

The Hex color **6B5287** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6E8752**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9F84BD**, and **3A2555** is the 20% darker color. If you saturate the color by 10%, you get **644587**, and if you desaturate by 10%, it is **726087**.

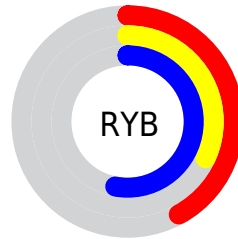
Distribution



Red (42%)

Green (32%)

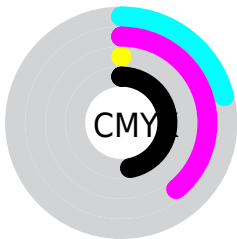
Blue (53%)



Red (42%)

Yellow (32%)

Blue (53%)

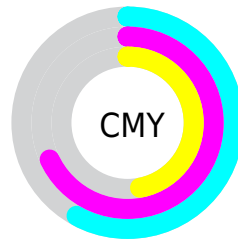


Cyan (21%)

Magenta (39%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (68%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5287 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 6B5287 by changing the saturation by 10% instead.

6B5287

6B5287

FFFFFF

523B6D

9F84BD

3A2555

BB9ED8

23103D

D7B9F5

110028

F3D5FF

000111

FFF1FF

000000

6B5287

6B5287

644587

726087

5D3787

796D87

562A87

807B87

4E1C87

888887

470F87

8F9687

400187

96A387

400087

9DB187

A4BE87

ABCC87

Harmonies

Analogous

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



3F5D93



6B5287



864870

Triad

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



6B5287



7C5529



006B66

Complementary

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



6B5287



6E8752

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.



1C6949



6B5287



645E25

Square

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



6B5287



8C4B3B



466531



00697F

Rectangle

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



6B5287



8E455E



466531



006B5C

Sweetspot

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



6B5287



A59BB0



526E87



534D59



D9D9D9



595959

Same Dimension

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



6B5287



845DB0



855287



3F3C42



3D0082



010003

Inverse Universe

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



87526E



B05D89



548752



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 6B5287 looks on a white background.

Color Contrast Check

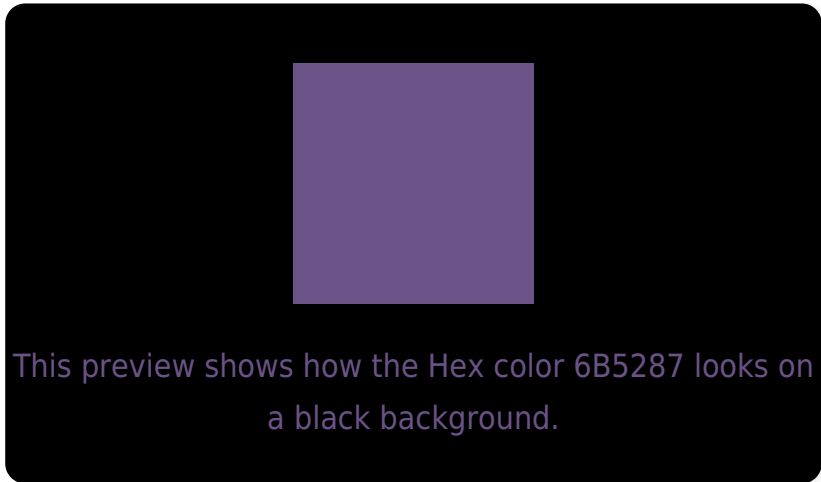
Large Text (above 18pt) WCAG AA ✓ Pass

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

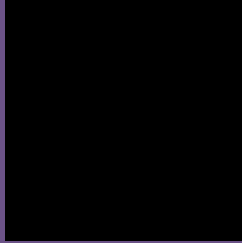
Any Text WCAG AA × Fail

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 6B5287 Background



This preview shows how black text looks on a background with the Hex color 6B5287.



This preview shows how white text looks on a background with the Hex color 6B5287.

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
6B5287

Protanopia
4B5B8F

Deuteranopia
4E5C85



Tritanopia
645A61

Trichromacy



Original Color
6B5287

Protanomaly
57588C

Deuteranomaly
595886

Tritanomaly
67576F

Monochromacy



Original Color
6B5287

Achromatopsia
606060

Achromatomaly
645B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5287 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 #6B5287 looks like.

```
.text, #text, p{  
    color:#6B5287  
}
```

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 #6B5287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5287
}
```

Border

The CSS property to change the border of an element to Hex 6B5287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

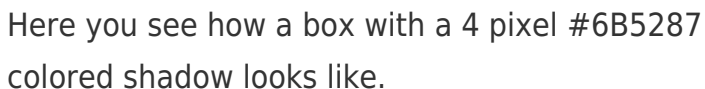
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5287 }
```

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

```
.border{ border-color:#6B5287 }
```

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



Here you see how a box with a 4 pixel #6B5287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5287; -webkit-box-shadow:4px 4px  
4px 4px #6B5287; box-shadow:4px 4px 4px  
4px #6B5287 }
```

Background

The CSS property to change the background color of an element to Hex 6B5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5287 }
```

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

```
.background{ background-color:#6B5287 }
```

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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