

Converting Colors

Hex(6C265A)

Have a look what the booklet for
Hex(6C265A) contains.

Hex(6C265A)	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(6C265A)

Conversions

Conversions Part 1

Format	Color
Hex	6C265A
RGB	108, 38, 90
RGB Percent	42%, 15%, 35%
CMY	0.5765, 0.8510, 0.6471
CMYK	0.00, 0.65, 0.17, 0.58
HSL	315°, 48%, 29%
HSV	315°, 65%, 42%
XYZ	8.7229, 5.3126, 10.2385
YIQ	64.8580, 25.0280, 31.0120

Conversions

Conversions Part 2

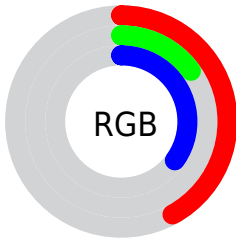
Format	Color
R_{YB}	108, 38, 90
Decimal	7087706
CIE _{Lab}	27.61, 37.57, -15.76
CIE _{LCh}	28, 40.743, 337.240
Yxy	5.3126, 0.3594, 0.2189
Android (android.graphics.Color)	4285277786 (0xFF6C265A)
YUV	64.8580, 12.3950, 37.8355
Hunter-Lab	23.0490, 27.2178, -10.2028

Details

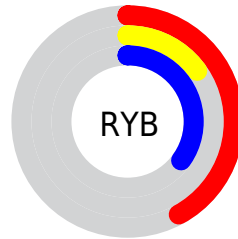
The Hex color **6C265A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **266C38**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A2588C**, and **39002C** is the 20% darker color. If you saturate the color by 10%, you get **6C1B57**, and if you desaturate by 10%, it is **6C315D**.

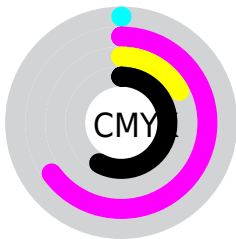
Distribution



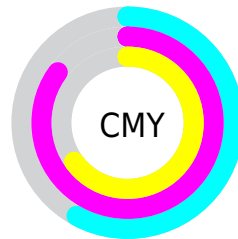
- Red (42%)
- Green (15%)
- Blue (35%)



- Red (42%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (17%)
- Black (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C265A 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 6C265A by changing the saturation by 10% instead.

 6C265A

 6C265A

FFFFFF

 520A42

 A2588C

 39002C

 BD71A7

 240018

 DA8CC2

 000000

 F7A7DE

 FFC2FA

 FFDFFF

 FFFCFF

 6C265A

 6C265A

■ 6C1B57

■ 6C315D

■ 6C1054

■ 6C3C60

■ 6C0652

■ 6C4662

■ 6C0050

■ 6C5165

■ 6C5C68

■ 6C676B

■ 6C726D

■ 6C7C70

■ 6C8773

Harmonies

Analogous

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



4B3573



6C265A



781F3B

Triad

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



6C265A



494200



004F66

Complementary

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



6C265A



266C38

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.



004F48



6C265A



274A07

Square

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



6C265A



623701



004E28



004B7B

Rectangle

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



6C265A



772427



004E28



004F5D

Sweetspot

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



6C265A



8C7285



37266C



473743



C7C7C7



474747

Same Dimension

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



6C265A



8C1F70



6C2637



363034



750057



F500B6

Inverse Universe

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



6C265A



8C1F70



266C5A



363034



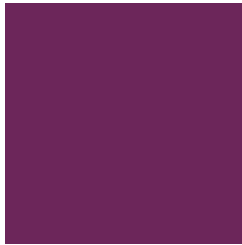
750057



F500B6

Previews

White Background



This preview shows how the Hex color 6C265A looks on a white background.

Color Contrast Check

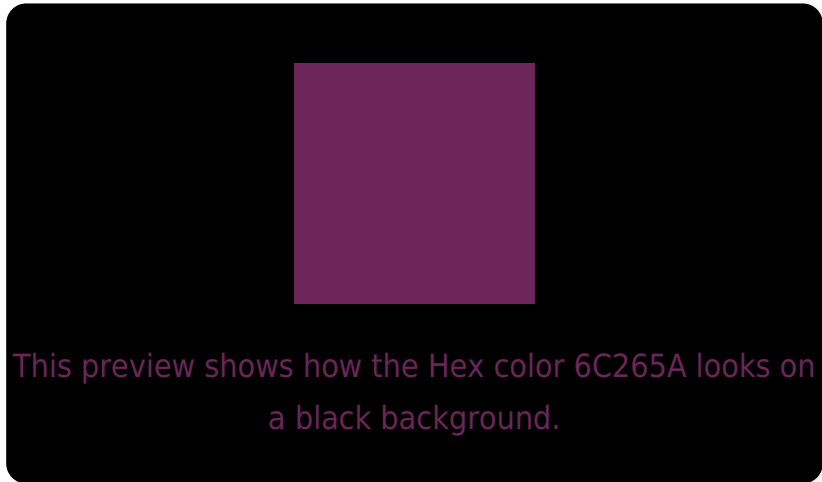
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

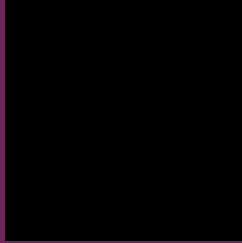
Any Text WCAG AA × Fail

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 6C265A Background



This preview shows how black text looks on a background with the Hex color 6C265A.



This preview shows how white text looks on a background with the Hex color 6C265A.

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
6C265A

Protanopia
2F4170

Deuteranopia
3E4156



Tritanopia
683034

Trichromacy



Original Color
6C265A

Protanomaly
453768

Deuteranomaly
4F3757

Tritanomaly
692C42

Monochromacy



Original Color
6C265A

Achromatopsia
414141

Achromatomaly
51374A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C265A 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 #6C265A looks like.

```
.text, #text, p{  
    color:#6C265A  
}
```

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 #6C265A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C265A
}
```

Border

The CSS property to change the border of an element to Hex 6C265A is called "border". The border property can be set on classes, ids or directly on the HTML element.

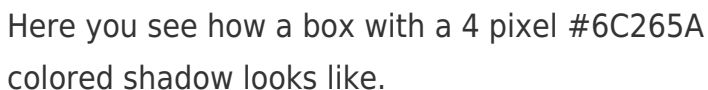
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C265A }
```

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

```
.border{ border-color:#6C265A }
```

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



Here you see how a box with a 4 pixel #6C265A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C265A; -webkit-box-shadow:4px 4px  
4px 4px #6C265A; box-shadow:4px 4px 4px  
4px #6C265A }
```

Background

The CSS property to change the background color of an element to Hex 6C265A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C265A }
```

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

```
.background{ background-color:#6C265A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor