

Converting Colors

Hex(6C4265)

Have a look what the booklet for
Hex(6C4265) contains.

Hex(6C4265)	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(6C4265)

Conversions

Conversions Part 1

Format	Color
Hex	6C4265
RGB	108, 66, 101
RGB Percent	42%, 26%, 40%
CMY	0.5765, 0.7412, 0.6039
CMYK	0.00, 0.39, 0.06, 0.58
HSL	310°, 24%, 34%
HSV	310°, 39%, 42%
XYZ	10.4815, 8.0242, 13.3083
YIQ	82.5480, 13.7970, 19.7890

Conversions

Conversions Part 2

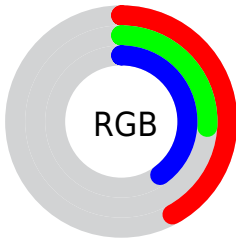
Format	Color
R_{YB}	108, 66, 101
Decimal	7094885
CIE _{Lab}	34.03, 24.11, -12.99
CIE _{LCh}	34, 27.389, 331.686
Yxy	8.0242, 0.3295, 0.2522
Android (android.graphics.Color)	4285284965 (0xFF6C4265)
YUV	82.5480, 9.0968, 22.3214
Hunter-Lab	28.3269, 16.4763, -8.0262

Details

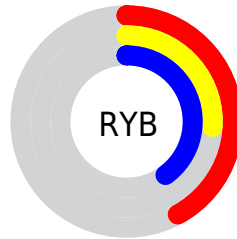
The Hex color **6C4265** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **426C49**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A07398**, and **3B1536** is the 20% darker color. If you saturate the color by 10%, you get **6C3763**, and if you desaturate by 10%, it is **6C4D67**.

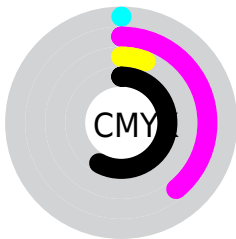
Distribution



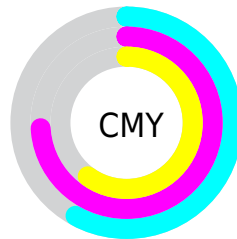
- Red (42%)
- Green (26%)
- Blue (40%)



- Red (42%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (6%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C4265 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 6C4265 by changing the saturation by 10% instead.

6C4265

6C4265

FFFFFF

532B4D

A07398

3B1536

BC8DB3

260021

D8A7CE

000007

F4C3EB

000000

FFDFFF

FFFBFF

6C4265

6C4265

6C3763

6C4D67

 6C2C61

 6C5869

 6C2260

 6C626A

 6C175E

 6C6D6C

 6C0C5C

 6C786E

 6C015A

 6C8370

 6C005A

 6C8E72

 6C9873

 6CA375

Harmonies

Analogous

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



534A75



6C4265



783E50

Triad

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



6C4265



5C4F23



005B66

Complementary

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



6C4265



426C49

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.



005B51



6C4265



46552A

Square

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



6C4265



6E472A



2A593B



005876

Rectangle

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



6C4265



793F41



2A593B



005B5F

Sweetspot

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



6C4265



8C7B89



49426C



473D46



C7C7C7



474747

Same Dimension

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



6C4265



8C4A81



6C4250



363035



750062



F500CC

Inverse Universe

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



6C4265



8C4A81



426C5E



363035



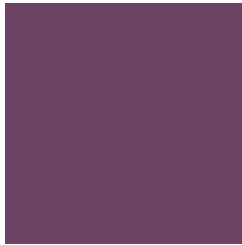
750062



F500CC

Previews

White Background



This preview shows how the Hex color 6C4265 looks on a white background.

Color Contrast Check

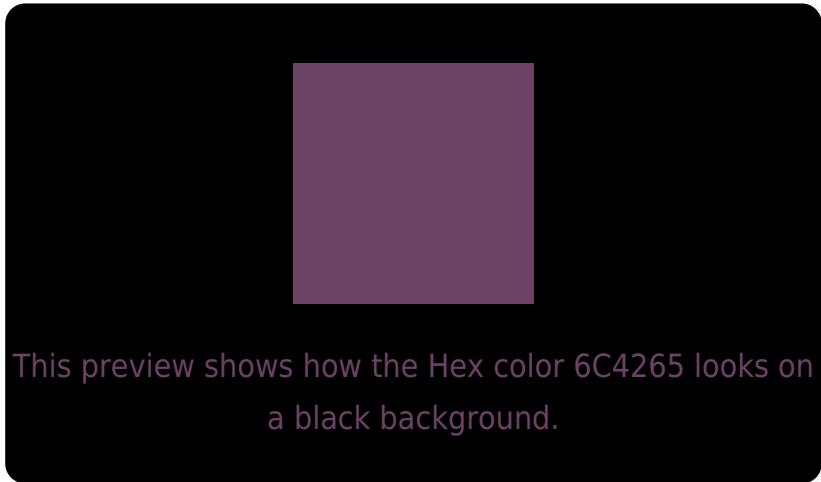
Large Text (above 18pt) WCAG AA ✓ Pass

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

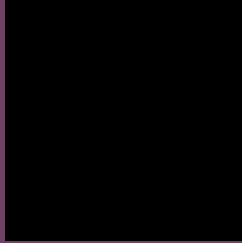
Any Text WCAG AA × Fail

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 6C4265 Background



This preview shows how black text looks on a background with the Hex color 6C4265.



This preview shows how white text looks on a background with the Hex color 6C4265.

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
6C4265

Protanopia
474F6F

Deuteranopia
4F4F63



Tritanopia
69474C

Trichromacy



Original Color
6C4265

Protanomaly
544A6B

Deuteranomaly
5A4A64

Tritanomaly
6A4555

Monochromacy



Original Color
6C4265

Achromatopsia
535353

Achromatomaly
5C4D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C4265 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 #6C4265 looks like.

```
.text, #text, p{  
    color:#6C4265  
}
```

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 #6C4265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4265
}
```

Border

The CSS property to change the border of an element to Hex 6C4265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

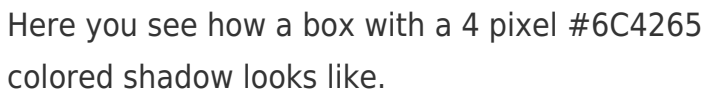
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4265 }
```

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

```
.border{ border-color:#6C4265 }
```

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



Here you see how a box with a 4 pixel #6C4265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4265; -webkit-box-shadow:4px 4px  
4px 4px #6C4265; box-shadow:4px 4px 4px  
4px #6C4265 }
```

Background

The CSS property to change the background color of an element to Hex 6C4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4265 }
```

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

```
.background{ background-color:#6C4265 }
```

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