

Converting Colors

Hex(6C2E63)

Have a look what the booklet for
Hex(6C2E63) contains.

Hex(6C2E63)	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(6C2E63)

Conversions

Conversions Part 1

Format	Color
Hex	6C2E63
RGB	108, 46, 99
RGB Percent	42%, 18%, 39%
CMY	0.5765, 0.8196, 0.6118
CMYK	0.00, 0.57, 0.08, 0.58
HSL	309°, 40%, 30%
HSV	309°, 57%, 42%
XYZ	9.4135, 6.0430, 12.4746
YIQ	70.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

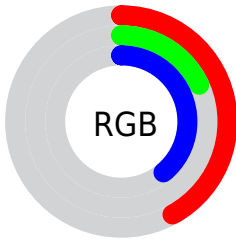
Format	Color
R_{YB}	108, 46, 99
Decimal	7089763
CIE Lab	29.52, 35.12, -18.65
CIE LCh	30, 39.771, 332.029
Yxy	6.0430, 0.3370, 0.2164
Android (android.graphics.Color)	4285279843 (0xFF6C2E63)
YUV	70.5800, 14.0111, 32.8173
Hunter-Lab	24.5825, 25.3343, -12.8796

Details

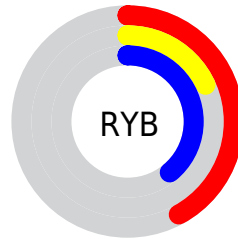
The Hex color **6C2E63** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E6C37**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A15F96**, and **3A0034** is the 20% darker color. If you saturate the color by 10%, you get **6C2361**, and if you desaturate by 10%, it is **6C3965**.

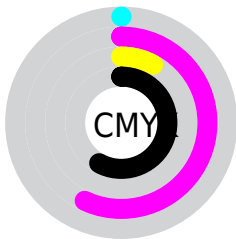
Distribution



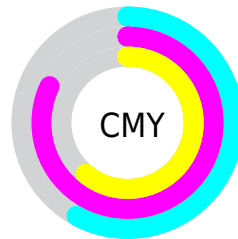
- Red (42%)
- Green (18%)
- Blue (39%)



- Red (42%)
- Yellow (18%)
- Blue (39%)



- Cyan (0%)
- Magenta (57%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C2E63 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 6C2E63 by changing the saturation by 10% instead.

 6C2E63

 6C2E63

FFFFFF

 53154B


 A15F96

 3A0034

 BD79B1

 26001F

 D993CC

 000001

 F6AEE8

 000000

 FFCAFF

 FFE6FF

 6C2E63

 6C2E63

 6C2361

 6C3965

6C1860

6C4466

6C0E5E

6C4E68

6C035D

6C5969

6C005C

6C646B

6C6F6C

6C7A6E

6C8470

6C8F71

Harmonies

Analogous

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



483C7A



6C2E63



7B2645

Triad

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



6C2E63



524500



005366

Complementary

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



6C2E63



2E6C37

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.



005447



6C2E63



334D09

Square

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



6C2E63



6B390C



005227



00507C

Rectangle

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



6C2E63



7C2830



005227



00545C

Sweetspot

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



6C2E63



8C7489



362E6C



473945



C7C7C7



474747

Same Dimension

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



6C2E63



8C2B7E



6C2E45



363035



750064



F500D1

Inverse Universe

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



6C2E63



8C2B7E



2E6C55



363035



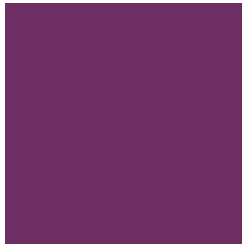
750064



F500D1

Previews

White Background



This preview shows how the Hex color 6C2E63 looks on a white background.

Color Contrast Check

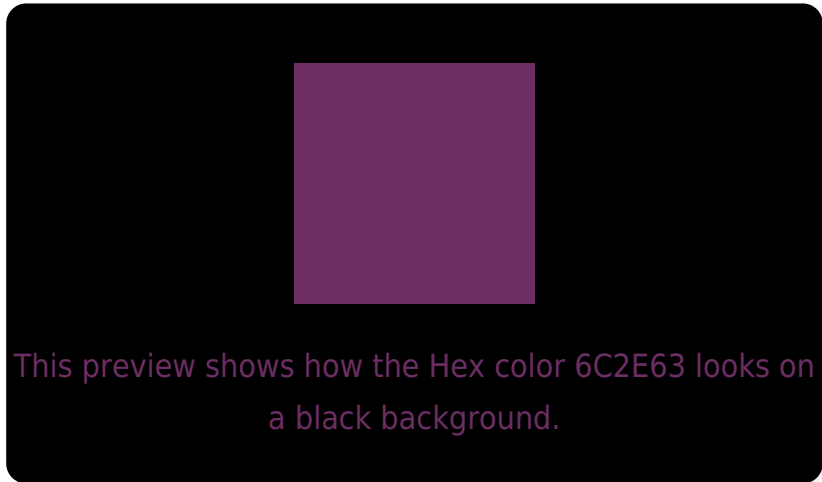
Large Text (above 18pt) WCAG AA ✓ Pass

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

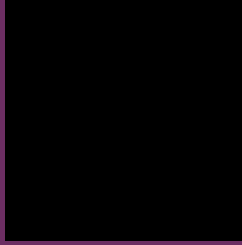
Any Text WCAG AA × Fail

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 6C2E63 Background



This preview shows how black text looks on a background with the Hex color 6C2E63.




This preview shows how white text looks on a background with the Hex color 6C2E63.

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





Tritanopia
68383C

Trichromacy



Original Color
6C2E63

Protanomaly
473D6F

Deuteranomaly
4F3D60

Tritanomaly
69344A

Monochromacy



Original Color
6C2E63

Achromatopsia
474747

Achromatomaly
543E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C2E63 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 #6C2E63 looks like.

```
.text, #text, p{  
    color:#6C2E63  
}
```

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 #6C2E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2E63
}
```

Border

The CSS property to change the border of an element to Hex 6C2E63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

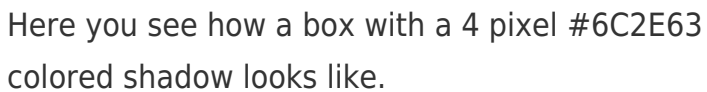
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C2E63 }
```

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

```
.border{ border-color:#6C2E63 }
```

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



Here you see how a box with a 4 pixel #6C2E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2E63; -webkit-box-shadow:4px 4px  
4px 4px #6C2E63; box-shadow:4px 4px 4px  
4px #6C2E63 }
```

Background

The CSS property to change the background color of an element to Hex 6C2E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2E63 }
```

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

```
.background{ background-color:#6C2E63 }
```

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