

Converting Colors

Hex(63226C)

Have a look what the booklet for
Hex(63226C) contains.

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Color

Hex(63226C)

Conversions

Conversions Part 1

Format	Color
Hex	63226C
RGB	99, 34, 108
RGB Percent	39%, 13%, 42%
CMY	0.6118, 0.8667, 0.5765
CMYK	0.08, 0.69, 0.00, 0.58
HSL	293°, 52%, 28%
HSV	293°, 69%, 42%
XYZ	8.4244, 4.8794, 14.6852
YIQ	61.8710, 14.9860, 36.7940

Conversions

Conversions Part 2

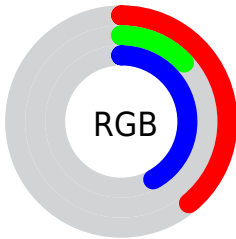
Format	Color
R_{YB}	99, 34, 108
Decimal	6496876
CIE _{Lab}	26.39, 40.22, -29.48
CIE _{LCh}	26, 49.870, 323.759
Yxy	4.8794, 0.3010, 0.1743
Android (android.graphics.Color)	4284686956 (0xFF63226C)
YUV	61.8710, 22.7416, 32.5621
Hunter-Lab	22.0894, 29.4194, -23.9538

Details

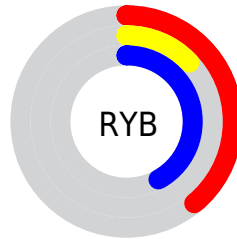
The Hex color **63226C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B6C22**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9854A0**, and **31003C** is the 20% darker color. If you saturate the color by 10%, you get **62176C**, and if you desaturate by 10%, it is **642D6C**.

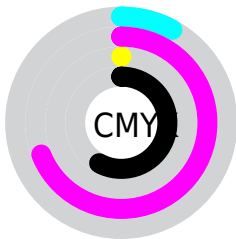
Distribution



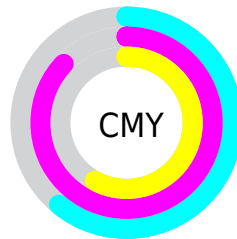
- Red (39%)
- Green (13%)
- Blue (42%)



- Red (39%)
- Yellow (13%)
- Blue (42%)



- Cyan (8%)
- Magenta (69%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (87%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63226C 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 63226C by changing the saturation by 10% instead.

 63226C

 63226C

FFFFFF

 4A0553

 9854A0

 31003C

 B46EBB

 1A0026

 D088D7

 00010E

 EDA3F3

 000000

 FFBEFF

 FFDBFF

 FFF7FF

 63226C

 63226C

■ 62176C

■ 642D6C

■ 600C6C

■ 66386C

■ 5F026C

■ 67426C

■ 5F006C

■ 684D6C

■ 6A586C

■ 6B636C

■ 6C6E6C

■ 6E786C

■ 6F836C

Harmonies

Analogous

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



233885



63226C



7C0648

Triad

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



63226C



543A00



004E5C

Complementary

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



63226C



2B6C22

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.



004E35



63226C



314500

Square

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



63226C



6F2800



004B0B



004D7C

Rectangle

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



63226C



7F062F



004B0B



004E50

Sweetspot

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



63226C



896F8C



222C6C



453647



C7C7C7



474747

Same Dimension

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



63226C



7E198C



6C2251



353036



670075



D700F5

Inverse Universe

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



6C222B



8C1927



226C3D



363031



75000E



F5001E

Previews

White Background



This preview shows how the Hex color 63226C 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

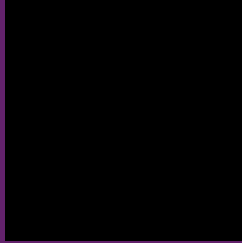
Any Text WCAG AA × Fail

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 63226C Background



This preview shows how black text looks on a background with the Hex color 63226C.



This preview shows how white text looks on a background with the Hex color 63226C.

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
5C3337

Trichromacy



Original Color
63226C



Protanomaly
24337A



Deuteranomaly
3D3569



Tritanomaly
5F2D4A

Monochromacy



Original Color
63226C



Achromatopsia
3E3E3E



Achromatomaly
4B344F

CSS Examples

Text

The CSS property to change the color of the text to Hex 63226C 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 #63226C looks like.

```
.text, #text, p{  
    color:#63226C  
}
```

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 #63226C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63226C
}
```

Border

The CSS property to change the border of an element to Hex 63226C is called "border". The border property can be set on classes, ids or directly on the HTML element.

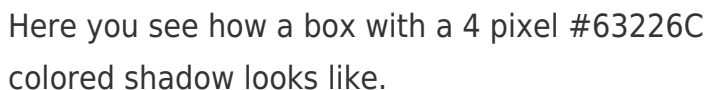
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63226C }
```

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

```
.border{ border-color:#63226C }
```

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



Here you see how a box with a 4 pixel #63226C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63226C; -webkit-box-shadow:4px 4px  
4px 4px #63226C; box-shadow:4px 4px 4px  
4px #63226C }
```

Background

The CSS property to change the background color of an element to Hex 63226C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63226C }
```

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

```
.background{ background-color:#63226C }
```

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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