

Converting Colors

Hex(6D4171)

Have a look what the booklet for
Hex(6D4171) contains.

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Color

Hex(6D4171)

Conversions

Conversions Part 1

Format	Color
Hex	6D4171
RGB	109, 65, 113
RGB Percent	43%, 25%, 44%
CMY	0.5725, 0.7451, 0.5569
CMYK	0.04, 0.42, 0.00, 0.56
HSL	295°, 27%, 35%
HSV	295°, 42%, 44%
XYZ	11.1776, 8.2241, 16.6211
YIQ	83.6280, 10.8160, 24.2560

Conversions

Conversions Part 2

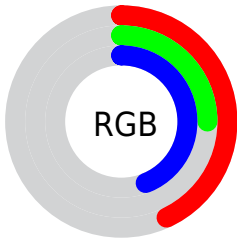
Format	Color
R_{YB}	109, 65, 113
Decimal	7160177
CIE _{Lab}	34.45, 27.53, -19.91
CIE _{LCh}	34, 33.977, 324.120
Yxy	8.2241, 0.3103, 0.2283
Android (android.graphics.Color)	4285350257 (0xFF6D4171)
YUV	83.6280, 14.4804, 22.2512
Hunter-Lab	28.6776, 19.3877, -14.2891

Details

The Hex color **6D4171** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **457141**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A272A5**, and **3C1341** is the 20% darker color. If you saturate the color by 10%, you get **6C3671**, and if you desaturate by 10%, it is **6E4C71**.

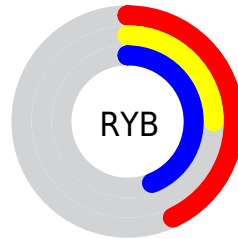
Distribution



Red (43%)

Green (25%)

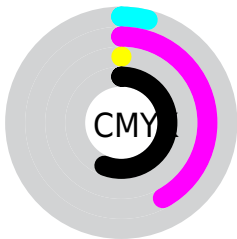
Blue (44%)



Red (43%)

Yellow (25%)

Blue (44%)

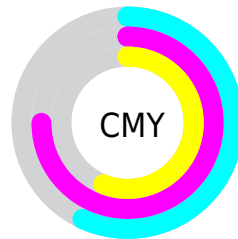


Cyan (4%)

Magenta (42%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (75%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4171 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 6D4171 by changing the saturation by 10% instead.

6D4171

6D4171

FFFFFF

542A58

A272A5

3C1341

BD8CC0

26002B

D9A7DC

000015

F6C2F9

000000

FFDEFF

FFFBFF

6D4171

6D4171

6C3671

6E4C71

6B2A71

6F5871

6A1F71

706371

691471

716E71

680971

727A71

680071

738571

749071

759B71

75A771

Harmonies

Analogous

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



494C82



6D4171



803A57

Triad

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



6D4171



654E18



005E66

Complementary

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



6D4171



457141

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.



005E4B



6D4171



4B561D

Square

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



6D4171



784326



295B30



005C7C

Rectangle

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



6D4171



833945



295B30



005E5D

Sweetspot

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



6D4171



928194



414571



493E4A



C9C9C9



4A4A4A

Same Dimension

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



6D4171



8E4894



71415D



383238



6E0078



E300F7

Inverse Universe

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



714145



94484F



417155



383233



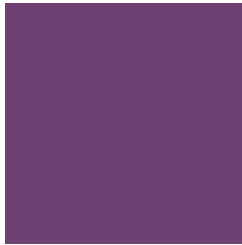
78000A



F70015

Previews

White Background



This preview shows how the Hex color 6D4171 looks on a white background.

Color Contrast Check

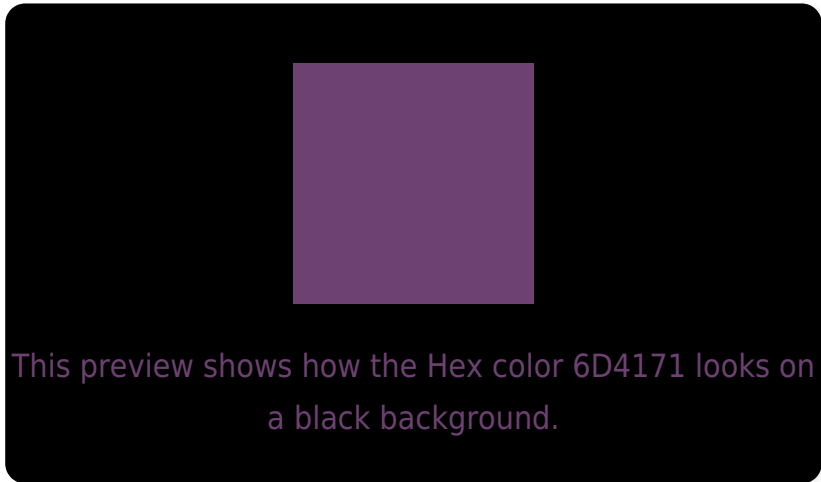
Large Text (above 18pt) WCAG AA ✓ Pass

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

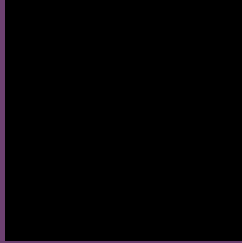
Any Text WCAG AA × Fail

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 6D4171 Background



This preview shows how black text looks on a background with the Hex color 6D4171.



This preview shows how white text looks on a background with the Hex color 6D4171.

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
68494E

Trichromacy



Original Color
6D4171

Protanomaly
514B79

Deuteranomaly
564B6F

Tritanomaly
6A465B

Monochromacy



Original Color
6D4171

Achromatopsia
545454

Achromatomaly
5D4D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4171 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 #6D4171 looks like.

```
.text, #text, p{  
    color:#6D4171  
}
```

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 #6D4171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4171
}
```

Border

The CSS property to change the border of an element to Hex 6D4171 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
#6D4171 }
```

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

```
.border{ border-color:#6D4171 }
```

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

Here you see how a box with a 4 pixel #6D4171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4171; -webkit-box-shadow:4px 4px  
4px 4px #6D4171; box-shadow:4px 4px 4px  
4px #6D4171 }
```

Background

The CSS property to change the background color of an element to Hex 6D4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4171 }
```

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

```
.background{ background-color:#6D4171 }
```

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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