

Converting Colors

Hex(6D4472)

Have a look what the booklet for
Hex(6D4472) contains.

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Color

Hex(6D4472)

Conversions

Conversions Part 1

Format	Color
Hex	6D4472
RGB	109, 68, 114
RGB Percent	43%, 27%, 45%
CMY	0.5725, 0.7333, 0.5529
CMYK	0.04, 0.40, 0.00, 0.55
HSL	293°, 25%, 36%
HSV	293°, 40%, 45%
XYZ	11.4111, 8.6004, 16.9782
YIQ	85.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

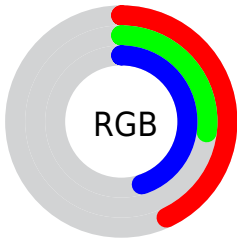
Format	Color
R_{YB}	109, 68, 114
Decimal	7160946
CIE _{Lab}	35.20, 25.96, -19.37
CIE _{LCh}	35, 32.386, 323.273
Yxy	8.6004, 0.3085, 0.2325
Android (android.graphics.Color)	4285351026 (0xFF6D4472)
YUV	85.5030, 14.0490, 20.6069
Hunter-Lab	29.3264, 18.1342, -13.7969

Details

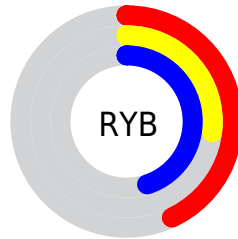
The Hex color **6D4472** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497244**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A175A6**, and **3C1642** is the 20% darker color. If you saturate the color by 10%, you get **6C3972**, and if you desaturate by 10%, it is **6E4F72**.

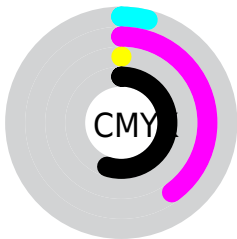
Distribution



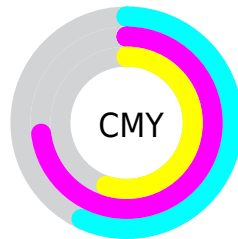
- Red (43%)
- Green (27%)
- Blue (45%)



- Red (43%)
- Yellow (27%)
- Blue (45%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4472 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 6D4472 by changing the saturation by 10% instead.



6D4472



6D4472

FFFFFF



542D59



A175A6



3C1642



BD8FC1



26002C



D9AADD



010016



F6C5FA



000000



FFE1FF

FFFEFF



6D4472



6D4472



6C3972



6E4F72

6B2D72

6F5B72

692272

716672

681672

727272

670B72

737D72

660072

748872

769472

779F72

78AB72

Harmonies

Analogous

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



4B4E82



6D4472



7F3D5A

Triad

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



6D4472



674F1E



006066

Complementary

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



6D4472



497244

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.



005F4C



6D4472



4E5721

Square

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



6D4472



79462A



2E5D33



005D7C

Rectangle

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



6D4472



833D48



2E5D33



00605E

Sweetspot

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



6D4472



928294



444972



49404A



C9C9C9



4A4A4A

Same Dimension

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



6D4472



8C4D94



724460



373238



6B0078



DC00F7

Inverse Universe

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



724449



944D55



447256



383233



78000D



F7001B

Previews

White Background



This preview shows how the Hex color 6D4472 looks on a white background.

Color Contrast Check

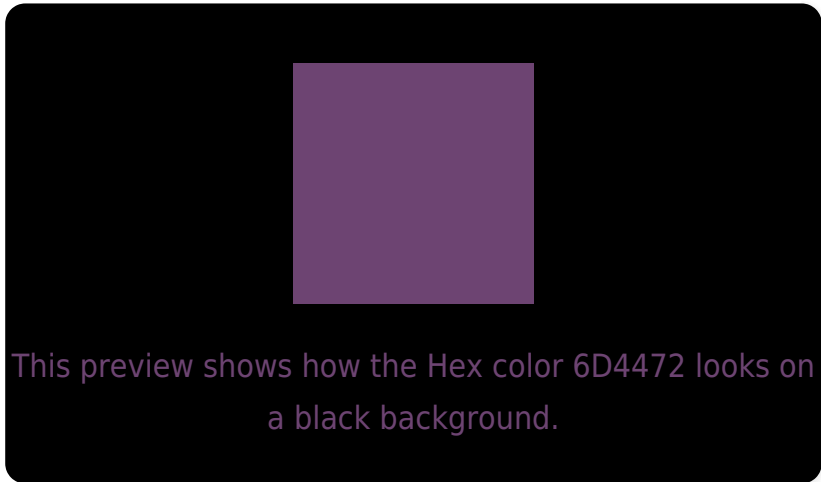
Large Text (above 18pt) WCAG AA ✓ Pass

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

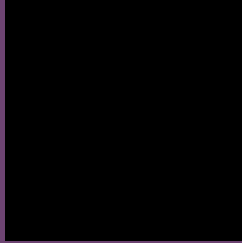
Any Text WCAG AA × Fail

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 6D4472 Background



This preview shows how black text looks on a background with the Hex color 6D4472.



This preview shows how white text looks on a background with the Hex color 6D4472.

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
6D4472

Protanopia
44527D

Deuteranopia
4C526F



Tritanopia
684B51

Trichromacy



Original Color
6D4472

Protanomaly
534D79

Deuteranomaly
584D70

Tritanomaly
6A485D

Monochromacy



Original Color
6D4472

Achromatopsia
565656

Achromatomaly
5E4F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4472 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 #6D4472 looks like.

```
.text, #text, p{  
    color:#6D4472  
}
```

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 #6D4472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4472
}
```

Border

The CSS property to change the border of an element to Hex 6D4472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

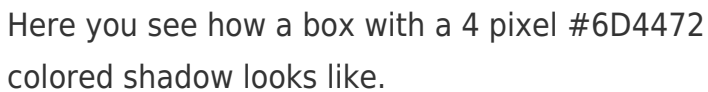
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4472 }
```

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

```
.border{ border-color:#6D4472 }
```

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



Here you see how a box with a 4 pixel #6D4472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4472; -webkit-box-shadow:4px 4px  
4px 4px #6D4472; box-shadow:4px 4px 4px  
4px #6D4472 }
```

Background

The CSS property to change the background color of an element to Hex 6D4472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4472 }
```

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

```
.background{ background-color:#6D4472 }
```

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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