

Converting Colors

Hex(6B2374)

Have a look what the booklet for
Hex(6B2374) contains.

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Color

Hex(6B2374)

Conversions

Conversions Part 1

Format	Color
Hex	6B2374
RGB	107, 35, 116
RGB Percent	42%, 14%, 45%
CMY	0.5804, 0.8627, 0.5451
CMYK	0.08, 0.70, 0.00, 0.55
HSL	293°, 54%, 30%
HSV	293°, 70%, 45%
XYZ	9.8168, 5.5888, 17.0843
YIQ	65.7620, 16.9110, 40.4550

Conversions

Conversions Part 2

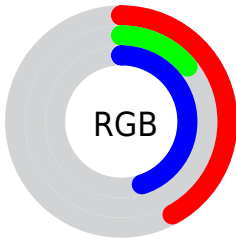
Format	Color
R_{YB}	107, 35, 116
Decimal	7021428
CIE _{Lab}	28.35, 43.43, -31.41
CIE _{LCh}	28, 53.593, 324.126
Yxy	5.5888, 0.3021, 0.1720
Android (android.graphics.Color)	4285211508 (0xFF6B2374)
YUV	65.7620, 24.7673, 36.1657
Hunter-Lab	23.6407, 32.7512, -26.2985

Details

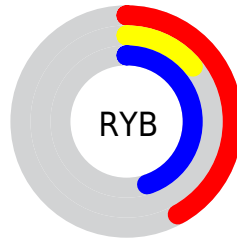
The Hex color **6B2374** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2C7423**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A156A9**, and **380043** is the 20% darker color. If you saturate the color by 10%, you get **6A1774**, and if you desaturate by 10%, it is **6C2F74**.

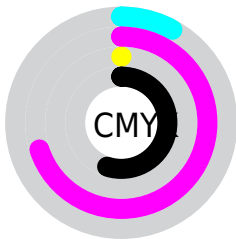
Distribution



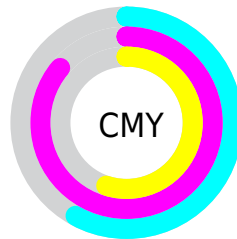
- Red (42%)
- Green (14%)
- Blue (45%)



- Red (42%)
- Yellow (14%)
- Blue (45%)



- Cyan (8%)
- Magenta (70%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (86%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2374 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 6B2374 by changing the saturation by 10% instead.

 6B2374

 6B2374

FFFFFF

 51045B

 A156A9

 380043

 BD70C4

 23002D

 D98AE0

 000117

 F6A6FD

 000000

 FFC1FF

 FFDEFF

 FFFBFF

 6B2374

 6B2374

■ 6A1774

■ 6C2F74

■ 680C74

■ 6E3A74

■ 670074

■ 6F4674

■ 705174

■ 715D74

■ 736974

■ 747474

■ 758074

■ 778B74

Harmonies

Analogous

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



253C8F



6B2374



86014D

Triad

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



6B2374



5A3E00



005464

Complementary

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



6B2374



2C7423

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.



005339



6B2374



334A00

Square

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



6B2374



772B00



00510A



005286

Rectangle

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



6B2374



890132



00510A



005456

Sweetspot

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



6B2374



937796



232C74



4A394D



CCCCCC



4D4D4D

Same Dimension

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



6B2374



881896



742355



3A353B



6D007A



DE00FA

Inverse Universe

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



74232C



961826



237442



3B3535



7A000E



FA001C

Previews

White Background



This preview shows how the Hex color 6B2374 looks on a white background.

Color Contrast Check

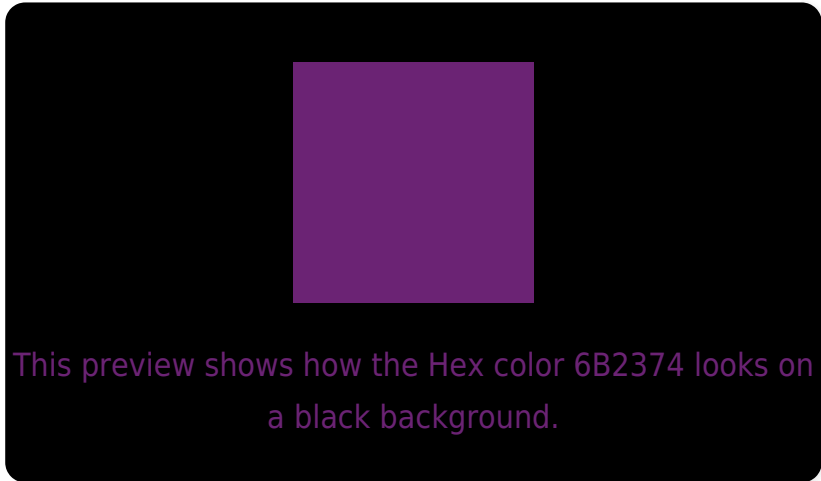
Large Text (above 18pt) WCAG AA ✓ Pass

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

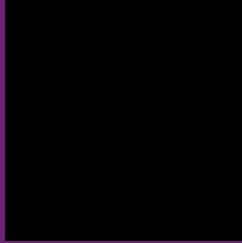
Any Text WCAG AA × Fail

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 6B2374 Background



This preview shows how black text looks on a background with the Hex color 6B2374.

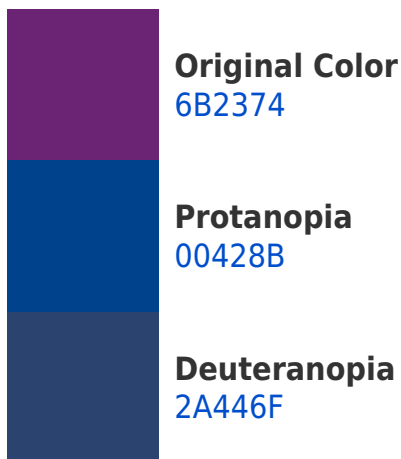



This preview shows how white text looks on a background with the Hex color 6B2374.

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
64363A

Trichromacy



Original Color
6B2374



Protanomaly
273783



Deuteranomaly
423871



Tritanomaly
672F4F

Monochromacy



Original Color
6B2374



Achromatopsia
424242



Achromatomaly
513754

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2374 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 #6B2374 looks like.

```
.text, #text, p{  
    color:#6B2374  
}
```

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 #6B2374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2374
}
```

Border

The CSS property to change the border of an element to Hex 6B2374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

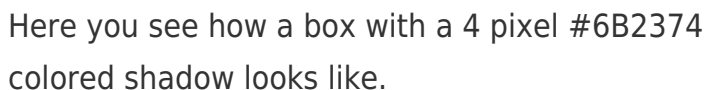
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2374 }
```

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

```
.border{ border-color:#6B2374 }
```

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



Here you see how a box with a 4 pixel #6B2374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2374; -webkit-box-shadow:4px 4px  
4px 4px #6B2374; box-shadow:4px 4px 4px  
4px #6B2374 }
```

Background

The CSS property to change the background color of an element to Hex 6B2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2374 }
```

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

```
.background{ background-color:#6B2374 }
```

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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