

Converting Colors

Hex(6B0562)

Have a look what the booklet for
Hex(6B0562) contains.

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Color

Hex(6B0562)

Conversions

Conversions Part 1

Format	Color
Hex	6B0562
RGB	107, 5, 98
RGB Percent	42%, 2%, 38%
CMY	0.5804, 0.9804, 0.6157
CMYK	0.00, 0.95, 0.08, 0.58
HSL	305°, 91%, 22%
HSV	305°, 95%, 42%
XYZ	8.3223, 4.1162, 11.9111
YIQ	46.1000, 30.9390, 50.5470

Conversions

Conversions Part 2

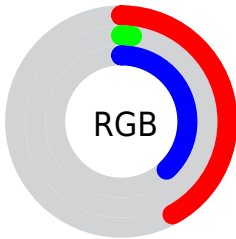
Format	Color
R_{YB}	107, 5, 98
Decimal	7013730
CIE Lab	24.05, 49.39, -26.60
CIE LCh	24, 56.095, 331.697
Yxy	4.1162, 0.3418, 0.1690
Android (android.graphics.Color)	4285203810 (0xFF6B0562)
YUV	46.1000, 25.5867, 53.4093
Hunter-Lab	20.2884, 37.7159, -20.6068

Details

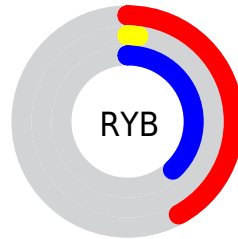
The Hex color **6B0562** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **056B0E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **A14395**, and **380033** is the 20% darker color. If you saturate the color by 10%, you get **6B0062**, and if you desaturate by 10%, it is **6B1063**.

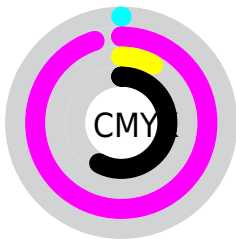
Distribution



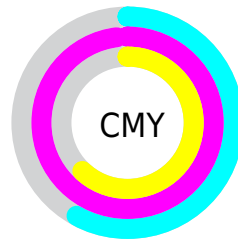
- Red (42%)
- Green (2%)
- Blue (38%)



- Red (42%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (95%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0562 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 6B0562 by changing the saturation by 10% instead.



6B0562



6B0562

FFFFFF



51004A



A14395



380033



BE5EB0



1E001D



DA79CC



000000



F894E8



FFAFFF



FFCBFF



FFE8FF



6B0562



6B0562

■ 6B0062

■ 6B1063

■ 6B1A64

■ 6B2565

■ 6B3066

■ 6B3B67

■ 6B4568

■ 6B5069

■ 6B5B6A

■ 6B656A

Harmonies

Analogous

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



322C82



6B0562



7F0039

Triad

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



6B0562



453900



004A65

Complementary

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



6B0562



056B0E

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.



00493B



6B0562



184300

Square

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



6B0562



662600



00470B



004784

Rectangle

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



6B0562



7E001E



00470B



004A58

Sweetspot

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



6B0562



8C6489



0E056B



472E45



C7C7C7



474747

Same Dimension

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



6B0562



8C0080



6B052F



363035



75006B



F500DF

Inverse Universe

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



6B0562



8C0080



056B41



363035



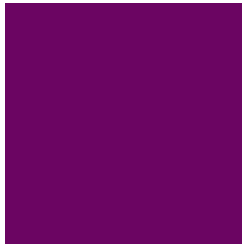
75006B



F500DF

Previews

White Background



This preview shows how the Hex color 6B0562 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

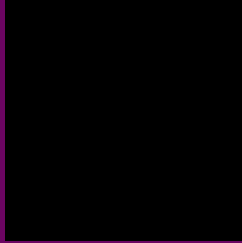
Any Text WCAG AA × Fail

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 6B0562 Background



This preview shows how black text looks on a background with the Hex color 6B0562.



This preview shows how white text looks on a background with the Hex color 6B0562.

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
6B0562

Protanopia
003A7B

Deuteranopia
2D3C5C



Tritanopia
652729

Trichromacy



Original Color
6B0562



Protanomaly
272772



Deuteranomaly
44285E



Tritanomaly
671B3E

Monochromacy



Original Color
6B0562



Achromatopsia
2E2E2E



Achromatomaly
441F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0562 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 #6B0562 looks like.

```
.text, #text, p{  
    color:#6B0562  
}
```

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 #6B0562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0562
}
```

Border

The CSS property to change the border of an element to Hex 6B0562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

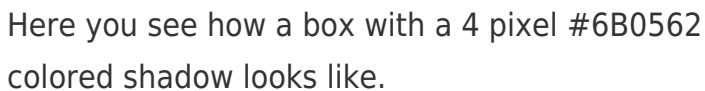
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0562 }
```

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

```
.border{ border-color:#6B0562 }
```

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



Here you see how a box with a 4 pixel #6B0562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0562; -webkit-box-shadow:4px 4px  
4px 4px #6B0562; box-shadow:4px 4px 4px  
4px #6B0562 }
```

Background

The CSS property to change the background color of an element to Hex 6B0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0562 }
```

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

```
.background{ background-color:#6B0562 }
```

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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