

Converting Colors

Hex(6B1168)

Have a look what the booklet for
Hex(6B1168) contains.

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Color

Hex(6B1168)

Conversions

Conversions Part 1

Format	Color
Hex	6B1168
RGB	107, 17, 104
RGB Percent	42%, 7%, 41%
CMY	0.5804, 0.9333, 0.5922
CMYK	0.00, 0.84, 0.03, 0.58
HSL	302°, 73%, 24%
HSV	302°, 84%, 42%
XYZ	8.7625, 4.5262, 13.5085
YIQ	53.8280, 25.7130, 46.1370

Conversions

Conversions Part 2

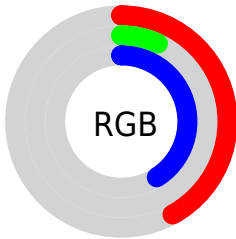
Format	Color
R_{YB}	107, 17, 104
Decimal	7016808
CIE _{Lab}	25.34, 47.69, -28.47
CIE _{LCh}	25, 55.540, 329.158
Yxy	4.5262, 0.3270, 0.1689
Android (android.graphics.Color)	4285206888 (0xFF6B1168)
YUV	53.8280, 24.7348, 46.6318
Hunter-Lab	21.2748, 36.2886, -22.7540

Details

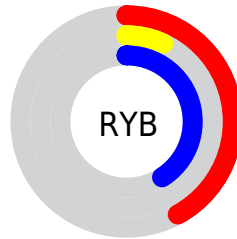
The Hex color **6B1168** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **116B14**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A1499C**, and **380038** is the 20% darker color. If you saturate the color by 10%, you get **6B0668**, and if you desaturate by 10%, it is **6B1C68**.

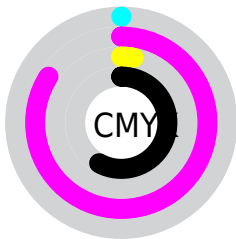
Distribution



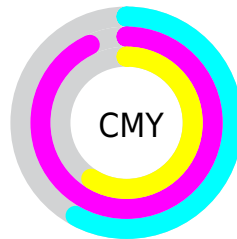
- Red (42%)
- Green (7%)
- Blue (41%)



- Red (42%)
- Yellow (7%)
- Blue (41%)



- Cyan (0%)
- Magenta (84%)
- Yellow (3%)
- Black (58%)



- Cyan (58%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1168 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 6B1168 by changing the saturation by 10% instead.

6B1168

6B1168

FFFFFF

510050

A1499C

380038

BD63B7

200022

DA7ED2

000008

F799EF

000000

FFB5FF

FFD1FF

FFEEFF

6B1168

6B1168

■ 6B0668

■ 6B1C68

■ 6B0067

■ 6B2669

■ 6B3169

■ 6B3C69

■ 6B466A

■ 6B516A

■ 6B5C6A

■ 6B676B

■ 6B716B

Harmonies

Analogous

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



2E3187



6B1168



81003F

Triad

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



6B1168



4C3A00



004D64

Complementary

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



6B168



116B14

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.



004D3A



6B1168



214500

Square

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



6B1168



6B2700



004A0A



004B85

Rectangle

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



6B1168



820024



004A0A



004D57

Sweetspot

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



6B1168



8C698B



14116B



473247



C7C7C7



474747

Same Dimension

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



6B1168



8C0088



6B113B



363035



750071



F500ED

Inverse Universe

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



6B1168



8C0088



116B41



363035



750071



F500ED

Previews

White Background



This preview shows how the Hex color 6B1168 looks on a white background.

Color Contrast Check

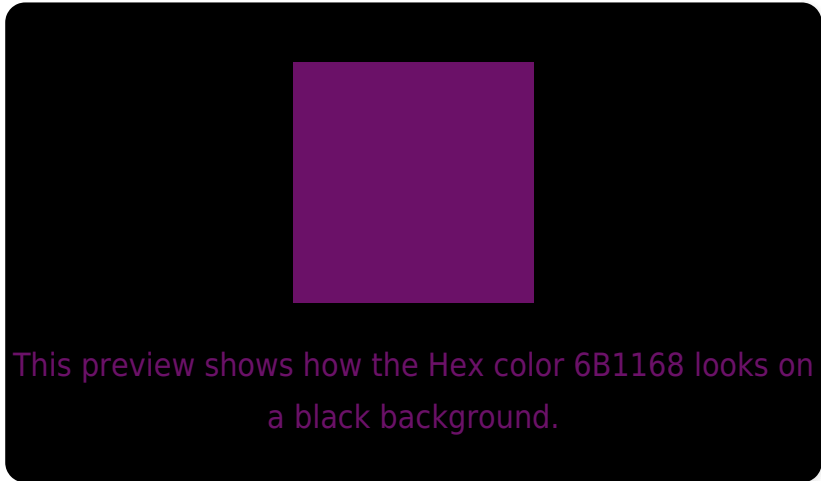
Large Text (above 18pt) WCAG AA ✓ Pass

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

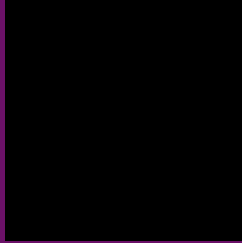
Any Text WCAG AA × Fail

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 6B1168 Background



This preview shows how black text looks on a background with the Hex color 6B1168.



This preview shows how white text looks on a background with the Hex color 6B1168.

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



Trichromacy



Original Color
6B1168



Protanomaly
272C77



Deuteranomaly
422E64



Tritanomaly
672243

Monochromacy



Original Color
6B1168



Achromatopsia
363636



Achromatomaly
492948

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1168 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 #6B1168 looks like.

```
.text, #text, p{  
    color:#6B1168  
}
```

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 #6B1168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1168
}
```

Border

The CSS property to change the border of an element to Hex 6B1168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

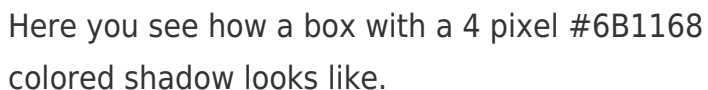
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1168 }
```

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

```
.border{ border-color:#6B1168 }
```

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



Here you see how a box with a 4 pixel #6B1168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1168; -webkit-box-shadow:4px 4px  
4px 4px #6B1168; box-shadow:4px 4px 4px  
4px #6B1168 }
```

Background

The CSS property to change the background color of an element to Hex 6B1168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1168 }
```

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

```
.background{ background-color:#6B1168 }
```

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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