

Converting Colors

Hex(6B326F)

Have a look what the booklet for
Hex(6B326F) contains.

| | |
|--|----|
| Hex(6B326F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(6B326F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6B326F |
| RGB | 107, 50, 111 |
| RGB Percent | 42%, 20%, 44% |
| CMY | 0.5804, 0.8039, 0.5647 |
| CMYK | 0.04, 0.55, 0.00, 0.56 |
| HSL | 296°, 38%, 32% |
| HSV | 296°, 55%, 44% |
| XYZ | 10.0732, 6.5547, 15.7732 |
| YIQ | 73.9970, 14.3910, 31.0550 |

Conversions

Conversions Part 2

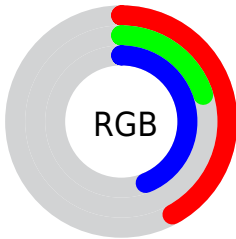
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 50, 111 |
| Decimal | 7025263 |
| CIE _{Lab} | 30.77, 35.02, -24.40 |
| CIE _{LCh} | 31, 42.681, 325.133 |
| Yxy | 6.5547, 0.3109, 0.2023 |
| Android (android.graphics.Color) | 4285215343 (0xFF6B326F) |
| YUV | 73.9970, 18.2425, 28.9436 |
| Hunter-Lab | 25.6022, 25.4276, -18.6064 |

Details

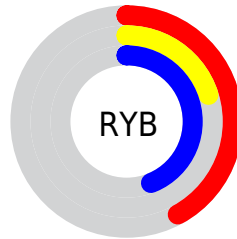
The Hex color **6B326F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **366F32**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A063A3**, and **39003F** is the 20% darker color. If you saturate the color by 10%, you get **6A276F**, and if you desaturate by 10%, it is **6C3D6F**.

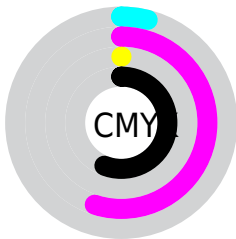
Distribution



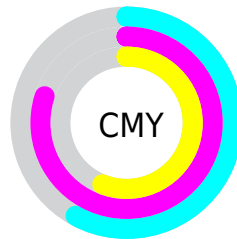
- Red (42%)
- Green (20%)
- Blue (44%)



- Red (42%)
- Yellow (20%)
- Blue (44%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B326F 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 6B326F by changing the saturation by 10% instead.

6B326F

6B326F

FFFFFF

521A56

A063A3

39003F

BC7DBE

250029

D897DA

000112

F5B2F7

000000

FFCEFF

FFEBFF

6B326F

6B326F

6A276F

6C3D6F

6A1C6F

6C486F

69116F

6D536F

68066F

6E5E6F

68006F

6F6A6F

6F756F

70806F

718B6F

72966F

Harmonies

Analogous

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



3C4285



6B326F



80264F

Triad

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



6B326F



5D4500



005864

Complementary

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



6B326F



366F32

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.



005742



6B326F



3D4F00

Square

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



6B326F



753710



045520



00557F

Rectangle

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



6B326F



842639



045520



005859

Sweetspot

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



6B326F



907A91



32366F



493C4A



C9C9C9



4A4A4A

Same Dimension

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



6B326F



8B3191



6F3255



383238



700078



E700F7

Inverse Universe

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



6F3236



913138



326F4C



383233



780008



F70010

Previews

White Background



This preview shows how the Hex color 6B326F looks on a white background.

Color Contrast Check

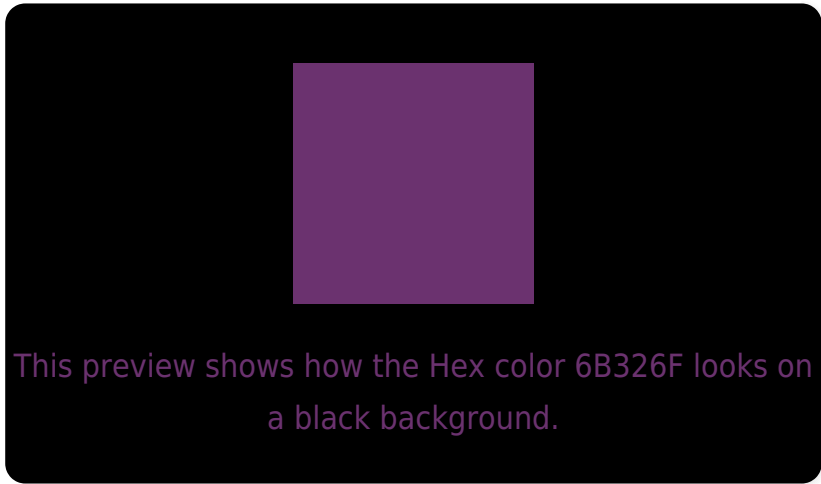
Large Text (above 18pt) WCAG AA ✓ Pass

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

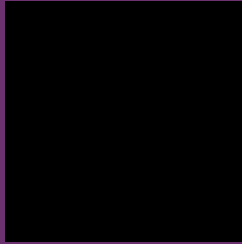
Any Text WCAG AA × Fail

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 6B326F Background



This preview shows how black text looks on a background with the Hex color 6B326F.



This preview shows how white text looks on a background with the Hex color 6B326F.

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
6B326F

Protanopia
2E4782

Deuteranopia
3B496B



Tritanopia
653E42

Trichromacy



Original Color
6B326F

Protanomaly
443F7B

Deuteranomaly
4C416C

Tritanomaly
673A52

Monochromacy



Original Color
6B326F

Achromatopsia
4A4A4A

Achromatomaly
564157

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B326F 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 #6B326F looks like.

```
.text, #text, p{  
    color:#6B326F  
}
```

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 #6B326F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B326F
}
```

Border

The CSS property to change the border of an element to Hex 6B326F is called "border". The border property can be set on classes, ids or directly on the HTML element.

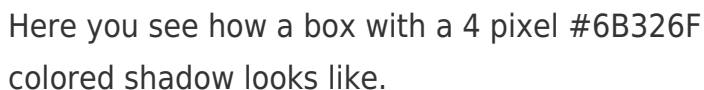
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B326F }
```

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

```
.border{ border-color:#6B326F }
```

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



Here you see how a box with a 4 pixel #6B326F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B326F; -webkit-box-shadow:4px 4px  
4px 4px #6B326F; box-shadow:4px 4px 4px  
4px #6B326F }
```

Background

The CSS property to change the background color of an element to Hex 6B326F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B326F }
```

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

```
.background{ background-color:#6B326F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor