

Converting Colors

Hex(6B304F)

Have a look what the booklet for
Hex(6B304F) contains.

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Color

Hex(6B304F)

Conversions

Conversions Part 1

Format	Color
Hex	6B304F
RGB	107, 48, 79
RGB Percent	42%, 19%, 31%
CMY	0.5804, 0.8118, 0.6902
CMYK	0.00, 0.55, 0.26, 0.58
HSL	328°, 38%, 30%
HSV	328°, 55%, 42%
XYZ	8.5316, 5.8042, 8.0678
YIQ	69.1750, 25.2130, 22.1490

Conversions

Conversions Part 2

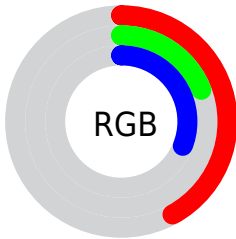
Format	Color
R_{YB}	107, 48, 79
Decimal	7024719
CIE _{Lab}	28.91, 30.28, -6.57
CIE _{LCh}	29, 30.986, 347.765
Yxy	5.8042, 0.3808, 0.2591
Android (android.graphics.Color)	4285214799 (0xFF6B304F)
YUV	69.1750, 4.8437, 33.1725
Hunter-Lab	24.0919, 21.0510, -2.9904

Details

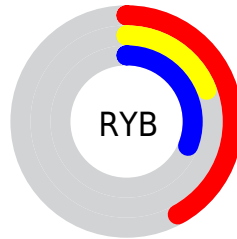
The Hex color **6B304F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306B4C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A06180**, and **390023** is the 20% darker color. If you saturate the color by 10%, you get **6B254A**, and if you desaturate by 10%, it is **6B3B54**.

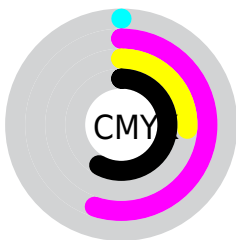
Distribution



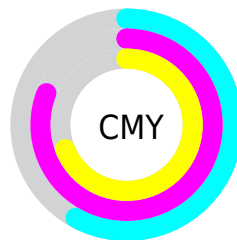
- Red (42%)
- Green (19%)
- Blue (31%)



- Red (42%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (26%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B304F 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 6B304F by changing the saturation by 10% instead.

6B304F

6B304F

FFFFFF

521838

A06180

390023

BC7A9A

25000C

D894B5

000000

F5AFD0

FFCBED

FFE7FF

6B304F

6B304F

6B254A

6B3B54

 6B1B45

 6B4559

 6B1040

 6B505E

 6B053B

 6B5B63

 6B0038

 6B6668

 6B706D

 6B7B73

 6B8678

 6B907D

Harmonies

Analogous

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



583865



6B304F



702F37

Triad

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



6B304F



444713



004E67

Complementary

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



6B304F



306B4C

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.



005052



6B304F



284D22

Square

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



6B304F



5A3F13



004F39



004A73

Rectangle

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



6B304F



6D3328



004F39



004F61

Sweetspot

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



6B304F



8C7481



4C306B



473941



C7C7C7



474747

Same Dimension

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



6B304F



8C3060



6B3032



363033



75003E



F50081

Inverse Universe

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



6B304F



8C3060



306B69



363033



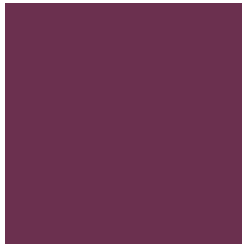
75003E



F50081

Previews

White Background



This preview shows how the Hex color 6B304F looks on a white background.

Color Contrast Check

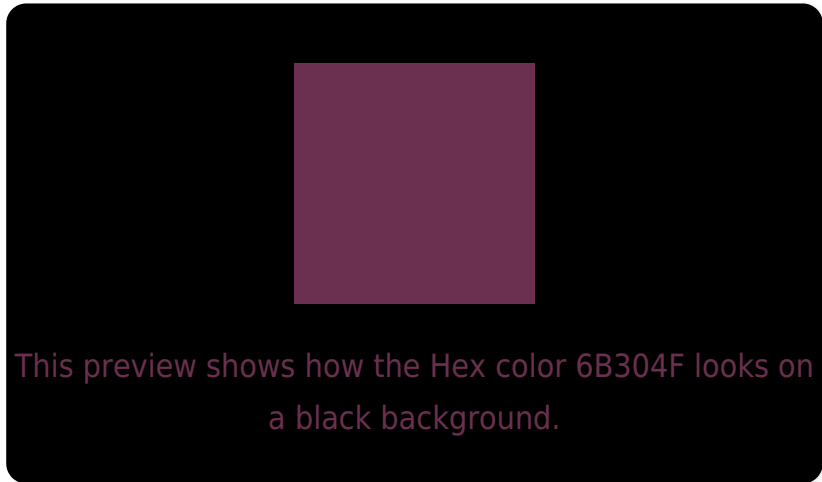
Large Text (above 18pt) WCAG AA ✓ Pass

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

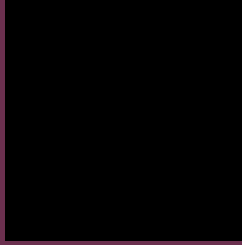
Any Text WCAG AA × Fail

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 6B304F Background



This preview shows how black text looks on a background with the Hex color 6B304F.

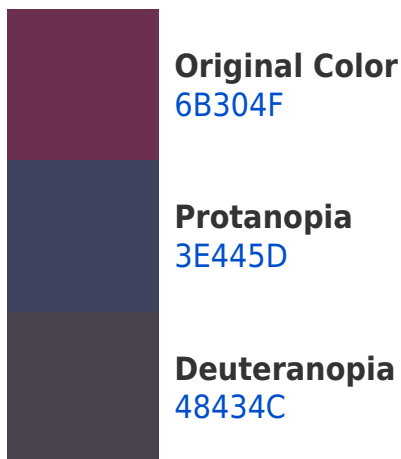



This preview shows how white text looks on a background with the Hex color 6B304F.

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
693539

Trichromacy



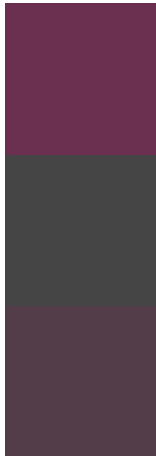
Original Color
6B304F

Protanomaly
4E3D58

Deuteranomaly
553C4D

Tritanomaly
6A3341

Monochromacy



Original Color
6B304F

Achromatopsia
454545

Achromatomaly
533D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B304F 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 #6B304F looks like.

```
.text, #text, p{  
    color:#6B304F  
}
```

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 #6B304F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B304F
}
```

Border

The CSS property to change the border of an element to Hex 6B304F 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".

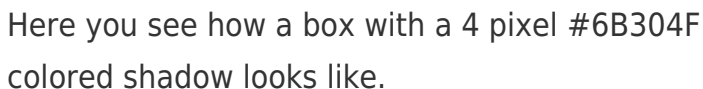
```
.border, #border, table{ border:4px solid
#6B304F }
```

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

```
.border{ border-color:#6B304F }
```

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

Here you see how a box with a 4 pixel #6B304F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B304F; -webkit-box-shadow:4px 4px  
4px 4px #6B304F; box-shadow:4px 4px 4px  
4px #6B304F }
```

Background

The CSS property to change the background color of an element to Hex 6B304F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B304F }
```

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

```
.background{ background-color:#6B304F }
```

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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