

Converting Colors

Hex(6B294E)

Have a look what the booklet for
Hex(6B294E) contains.

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Color

Hex(6B294E)

Conversions

Conversions Part 1

Format	Color
Hex	6B294E
RGB	107, 41, 78
RGB Percent	42%, 16%, 31%
CMY	0.5804, 0.8392, 0.6941
CMYK	0.00, 0.62, 0.27, 0.58
HSL	326°, 45%, 29%
HSV	326°, 62%, 42%
XYZ	8.2315, 5.2617, 7.7895
YIQ	64.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

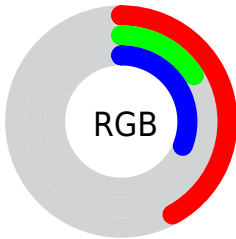
Format	Color
RYB	107, 41, 78
Decimal	7022926
CIELab	27.47, 33.85, -8.08
CIElCh	27, 34.806, 346.574
Yxy	5.2617, 0.3868, 0.2472
Android (android.graphics.Color)	4285213006 (0xFF6B294E)
YUV	64.9520, 6.4327, 36.8761
Hunter-Lab	22.9385, 23.9125, -4.0769

Details

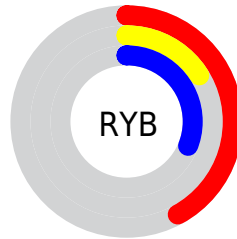
The Hex color **6B294E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **296B46**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A15A7F**, and **380022** is the 20% darker color. If you saturate the color by 10%, you get **6B1E49**, and if you desaturate by 10%, it is **6B3453**.

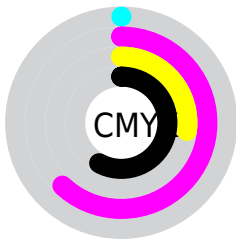
Distribution



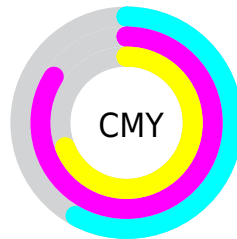
- Red (42%)
- Green (16%)
- Blue (31%)



- Red (42%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (27%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B294E 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 6B294E by changing the saturation by 10% instead.



6B294E



6B294E

FFFFFF



511037



A15A7F



380022



BC7499



23000A



D98EB4



000000



F6A9CF



FFC4EC



FFE1FF



FFFEFF



6B294E



6B294E

■ 6B1E49

■ 6B3453

■ 6B1445

■ 6B3E57

■ 6B0940

■ 6B495C

■ 6B003C

■ 6B5461

■ 6B5F66

■ 6B696A

■ 6B746F

■ 6B7F74

■ 6B8978

Harmonies

Analogous

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



553366



6B294E



712833

Triad

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



6B294E



404407



004C67

Complementary

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



6B294E



296B46

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.



004E4F



6B294E



214A1A

Square

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



6B294E



583B08



004D34



004775

Rectangle

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



6B294E



6D2D23



004D34



004D60

Sweetspot

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



6B294E



8C7281



46296B



473740



C7C7C7



474747

Same Dimension

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



6B294E



8C245F



6B292D



363033



750042



F50089

Inverse Universe

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



6B294E



8C245F



296B67



363033



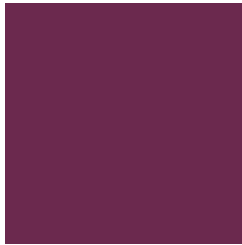
750042



F50089

Previews

White Background



This preview shows how the Hex color 6B294E looks on a white background.

Color Contrast Check

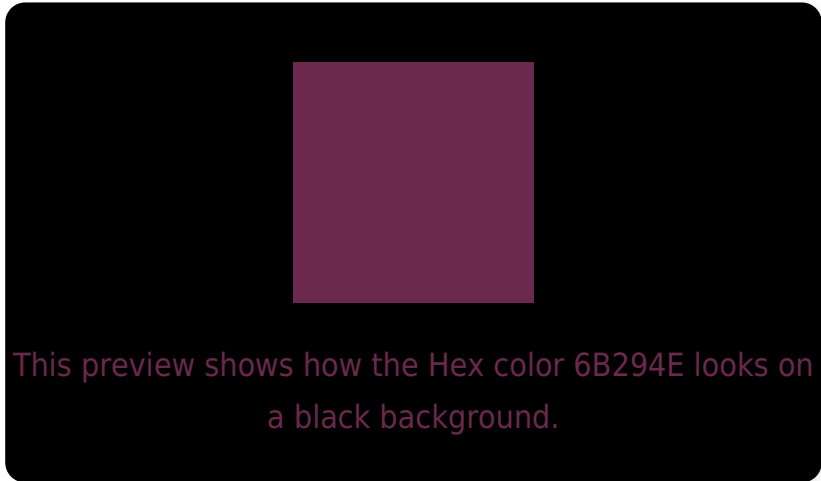
Large Text (above 18pt) WCAG AA ✓ Pass

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

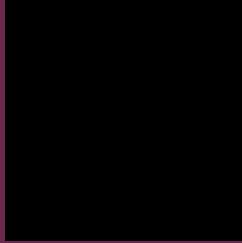
Any Text WCAG AA × Fail

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 6B294E Background



This preview shows how black text looks on a background with the Hex color 6B294E.



This preview shows how white text looks on a background with the Hex color 6B294E.

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
6B294E

Protanopia
38415F

Deuteranopia
44404A



Tritanopia
692F33

Trichromacy



Original Color
6B294E

Protanomaly
4B3859

Deuteranomaly
52384B

Tritanomaly
6A2D3D

Monochromacy



Original Color
6B294E

Achromatopsia
414141

Achromatomaly
503846

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B294E 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 #6B294E looks like.

```
.text, #text, p{  
    color:#6B294E  
}
```

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 #6B294E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B294E
}
```

Border

The CSS property to change the border of an element to Hex 6B294E is called "border". The border property can be set on classes, ids or directly on the HTML element.

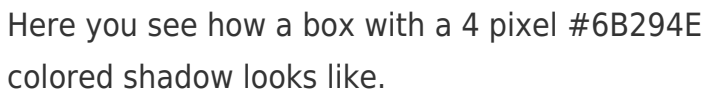
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B294E }
```

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

```
.border{ border-color:#6B294E }
```

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



Here you see how a box with a 4 pixel #6B294E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B294E; -webkit-box-shadow:4px 4px  
4px 4px #6B294E; box-shadow:4px 4px 4px  
4px #6B294E }
```

Background

The CSS property to change the background color of an element to Hex 6B294E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B294E }
```

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

```
.background{ background-color:#6B294E }
```

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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