

Converting Colors

Hex(6A344A)

Have a look what the booklet for
Hex(6A344A) contains.

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Color

Hex(6A344A)

Conversions

Conversions Part 1

Format	Color
Hex	6A344A
RGB	106, 52, 74
RGB Percent	42%, 20%, 29%
CMY	0.5843, 0.7961, 0.7098
CMYK	0.00, 0.51, 0.30, 0.58
HSL	336°, 34%, 31%
HSV	336°, 51%, 42%
XYZ	8.4079, 6.0146, 7.1963
YIQ	70.6540, 25.1220, 18.2900

Conversions

Conversions Part 2

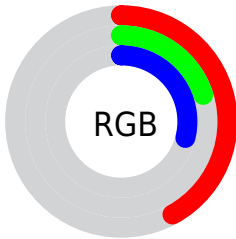
Format	Color
RYB	106, 52, 74
Decimal	6960202
CIELab	29.45, 26.88, -2.50
CIELCh	29, 27.000, 354.683
Yxy	6.0146, 0.3889, 0.2782
Android (android.graphics.Color)	4285150282 (0xFF6A344A)
YUV	70.6540, 1.6496, 30.9984
Hunter-Lab	24.5246, 18.2779, -0.2305

Details

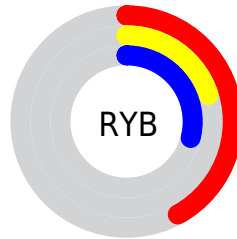
The Hex color **6A344A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346A54**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9F647B**, and **38051E** is the 20% darker color. If you saturate the color by 10%, you get **6A2944**, and if you desaturate by 10%, it is **6A3F50**.

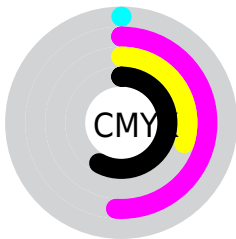
Distribution



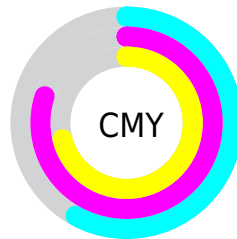
- Red (42%)
- Green (20%)
- Blue (29%)



- Red (42%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (51%)
- Yellow (30%)
- Black (58%)



- Cyan (58%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A344A 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 6A344A by changing the saturation by 10% instead.

6A344A

6A344A

FFFFFF

511D33

9F647B

38051E

BB7E94

250005

D798AF

000000

F4B3CA

FFCFE6

FFEBFF

6A344A

6A344A

6A2944

6A3F50

6A1F3D

6A4957

6A1437

6A545D

6A0A31

6A5E63

6A002B

6A6969

6A7470

6A7E76

6A897C

6A9383

Harmonies

Analogous

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



5C395E



6A344A



6C3535

Triad

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



6A344A



40491E



004E67

Complementary

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



6A344A



346A54

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.



005056



6A344A



274E2C

Square

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



6A344A



55431B



005041



13496F

Rectangle

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



6A344A



683929



005041



004F62

Sweetspot

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



6A344A



8A757D



53346A



45383E



C4C4C4



454545

Same Dimension

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



6A344A



8A3658



6A3934



363032



750030



F50064

Inverse Universe

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



6A344A



8A3658



34666A



363032



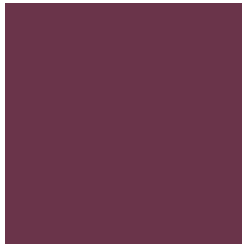
750030



F50064

Previews

White Background



This preview shows how the Hex color 6A344A looks on a white background.

Color Contrast Check

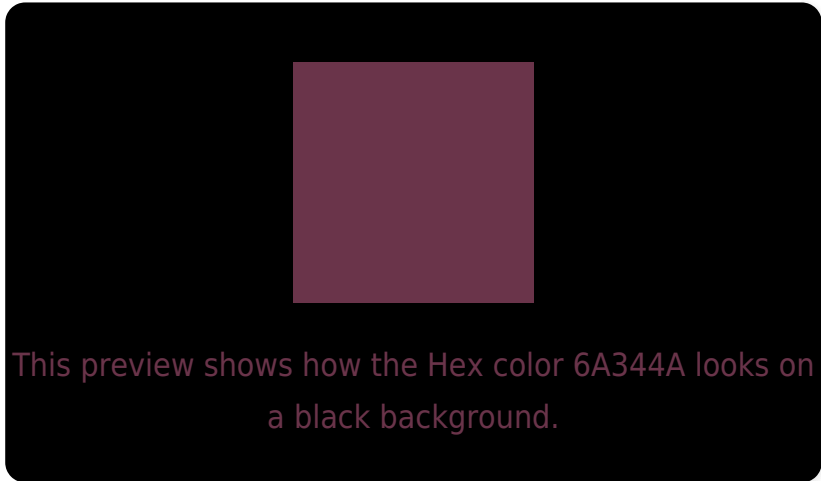
Large Text (above 18pt) WCAG AA ✓ Pass

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

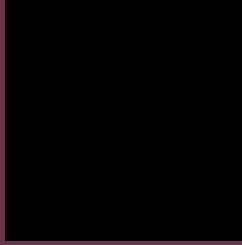
Any Text WCAG AA × Fail

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 6A344A Background



This preview shows how black text looks on a background with the Hex color 6A344A.



This preview shows how white text looks on a background with the Hex color 6A344A.

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
6A344A

Protanopia
434555

Deuteranopia
4C4447



Tritanopia
69373B

Trichromacy



Original Color
6A344A

Protanomaly
513F51

Deuteranomaly
573E48

Tritanomaly
693640

Monochromacy



Original Color
6A344A

Achromatopsia
474747

Achromatomaly
544048

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A344A 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 #6A344A looks like.

```
.text, #text, p{  
    color:#6A344A  
}
```

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 #6A344A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A344A
}
```

Border

The CSS property to change the border of an element to Hex 6A344A 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".

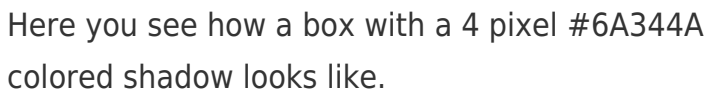
```
.border, #border, table{ border:4px solid
#6A344A }
```

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

```
.border{ border-color:#6A344A }
```

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

Here you see how a box with a 4 pixel #6A344A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A344A; -webkit-box-shadow:4px 4px  
4px 4px #6A344A; box-shadow:4px 4px 4px  
4px #6A344A }
```

Background

The CSS property to change the background color of an element to Hex 6A344A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A344A }
```

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

```
.background{ background-color:#6A344A }
```

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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