

Converting Colors

Hex(6B232A)

Have a look what the booklet for
Hex(6B232A) contains.

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Color

Hex(6B232A)

Conversions

Conversions Part 1

Format	Color
Hex	6B232A
RGB	107, 35, 42
RGB Percent	42%, 14%, 16%
CMY	0.5804, 0.8627, 0.8353
CMYK	0.00, 0.67, 0.61, 0.58
HSL	354°, 51%, 28%
HSV	354°, 67%, 42%
XYZ	7.0824, 4.4950, 2.6848
YIQ	57.3260, 40.6650, 17.4410

Conversions

Conversions Part 2

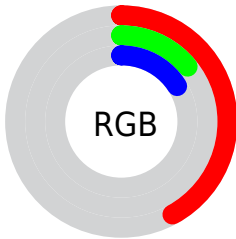
Format	Color
RYB	107, 35, 42
Decimal	7021354
CIE Lab	25.24, 32.62, 12.90
CIE LCh	25, 35.080, 21.574
Yxy	4.4950, 0.4966, 0.3152
Android (android.graphics.Color)	4285211434 (0xFF6B232A)
YUV	57.3260, -7.5557, 43.5641
Hunter-Lab	21.2015, 22.5253, 7.3329

Details

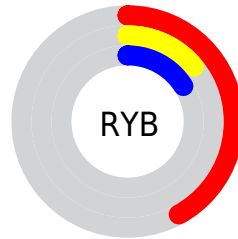
The Hex color **6B232A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **236B64**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A25457**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6B1820**, and if you desaturate by 10%, it is **6B2E34**.

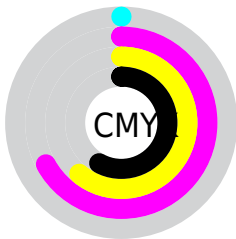
Distribution



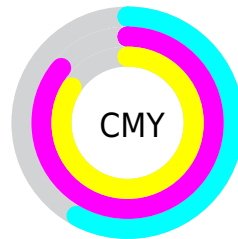
- Red (42%)
- Green (14%)
- Blue (16%)



- Red (42%)
- Yellow (14%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (61%)
- Black (58%)



- Cyan (58%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B232A 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 6B232A by changing the saturation by 10% instead.



6B232A



6B232A

FFFFFF



500816



A25457



370000



BF6D6F



190001



DC8789



000000



F9A2A3



FFBDBE



FFD9DA



FFF6F6



6B232A



6B232A

■ 6B1820

■ 6B2E34

■ 6B0E17

■ 6B383D

■ 6B030D

■ 6B4347

■ 6B000A

■ 6B4E51

■ 6B595A

■ 6B6364

■ 6B6E6E

■ 6B7977

■ 6B8381

Harmonies

Analogous

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



682245



6B232A



622D12

Triad

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



6B232A



134519



004170

Complementary

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



6B232A



236B64

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.



004665



6B232A



004833

Square

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



6B232A



374003



00484F



2D386D

Rectangle

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



6B232A



563504



00484F



00436E

Sweetspot

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



6B232A



8C7073



64236B



473638



C7C7C7



474747

Same Dimension

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



6B232A



8C1B26



6B4023



363031



75000B



F50018

Inverse Universe

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



6B232A



8C1B26



234E6B



363031



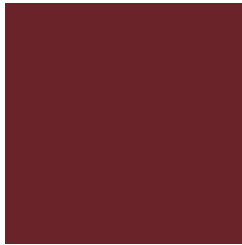
75000B



F50018

Previews

White Background



This preview shows how the Hex color 6B232A 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

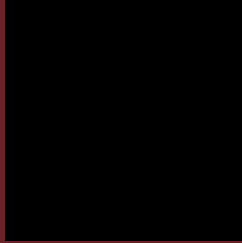
Any Text WCAG AA × Fail

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 6B232A Background



This preview shows how black text looks on a background with the Hex color 6B232A.



This preview shows how white text looks on a background with the Hex color 6B232A.

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
6B232A

Protanopia
403D35

Deuteranopia
4A3A26



Tritanopia
6B2426

Trichromacy



Original Color
6B232A

Protanomaly
503431

Deuteranomaly
563227

Tritanomaly
6B2427

Monochromacy



Original Color
6B232A

Achromatopsia
393939

Achromatomaly
4B3134

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B232A 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 #6B232A looks like.

```
.text, #text, p{  
    color:#6B232A  
}
```

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 #6B232A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B232A
}
```

Border

The CSS property to change the border of an element to Hex 6B232A is called "border". The border property can be set on classes, ids or directly on the HTML element.

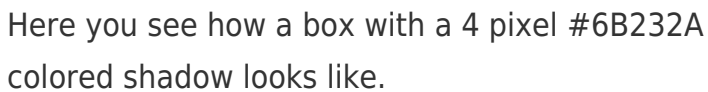
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B232A }
```

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

```
.border{ border-color:#6B232A }
```

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



Here you see how a box with a 4 pixel #6B232A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B232A; -webkit-box-shadow:4px 4px  
4px 4px #6B232A; box-shadow:4px 4px 4px  
4px #6B232A }
```

Background

The CSS property to change the background color of an element to Hex 6B232A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B232A }
```

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

```
.background{ background-color:#6B232A }
```

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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