

Converting Colors

Hex(6A2238)

Have a look what the booklet for
Hex(6A2238) contains.

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Color

Hex(6A2238)

Conversions

Conversions Part 1

Format	Color
Hex	6A2238
RGB	106, 34, 56
RGB Percent	42%, 13%, 22%
CMY	0.5843, 0.8667, 0.7804
CMYK	0.00, 0.68, 0.47, 0.58
HSL	342°, 51%, 27%
HSV	342°, 68%, 42%
XYZ	7.2297, 4.4938, 4.2277
YIQ	58.0360, 35.8500, 22.1060

Conversions

Conversions Part 2

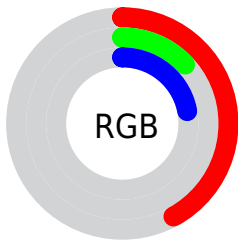
Format	Color
R_{YB}	106, 34, 56
Decimal	6955576
CIE _{Lab}	25.24, 34.09, 3.38
CIE _{LCh}	25, 34.256, 5.663
Yxy	4.4938, 0.4532, 0.2817
Android (android.graphics.Color)	4285145656 (0xFF6A2238)
YUV	58.0360, -1.0037, 42.0644
Hunter-Lab	21.1985, 23.7798, 3.0144

Details

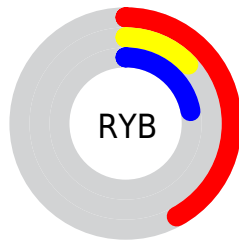
The Hex color **6A2238** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **226A54**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A05367**, and **37000C** is the 20% darker color. If you saturate the color by 10%, you get **6A1731**, and if you desaturate by 10%, it is **6A2D3F**.

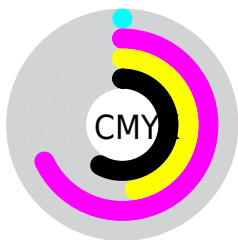
Distribution



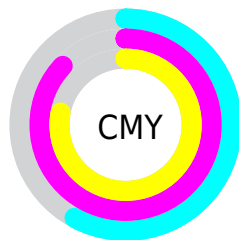
- Red (42%)
- Green (13%)
- Blue (22%)



- Red (42%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2238 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 6A2238 by changing the saturation by 10% instead.

6A2238

6A2238

FFFFFF

500623

A05367

37000C

BD6D80

1B0001

D9879A

000000

F7A1B4

FFBDD0

FFD9EC

FFF6FF

6A2238

6A2238

■ 6A1731

■ 6A2D3F

■ 6A0D29

■ 6A3747

■ 6A0222

■ 6A424E

■ 6A0020

■ 6A4C55

■ 6A575D

■ 6A6264

■ 6A6C6C

■ 6A7773

■ 6A817A

Harmonies

Analogous

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



5F2752



6A2238



67281F

Triad

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



6A2238



29430D



00446B

Complementary

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



6A2238



226A54

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.



004759



6A2238



004725

Square

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



6A2238



443C00



004840



003D70

Rectangle

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



6A2238



5F2F10



004840



004666

Sweetspot

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



6A2238



8A6E77



53226A



453439



C4C4C4



454545

Same Dimension

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



6A2238



8A193B



6A2F22



363032



750024



F5004B

Inverse Universe

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



6A2238



8A193B



225D6A



363032



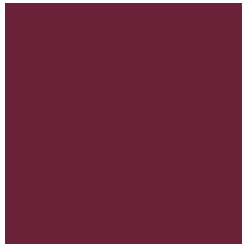
750024



F5004B

Previews

White Background



This preview shows how the Hex color 6A2238 looks on a white background.

Color Contrast Check

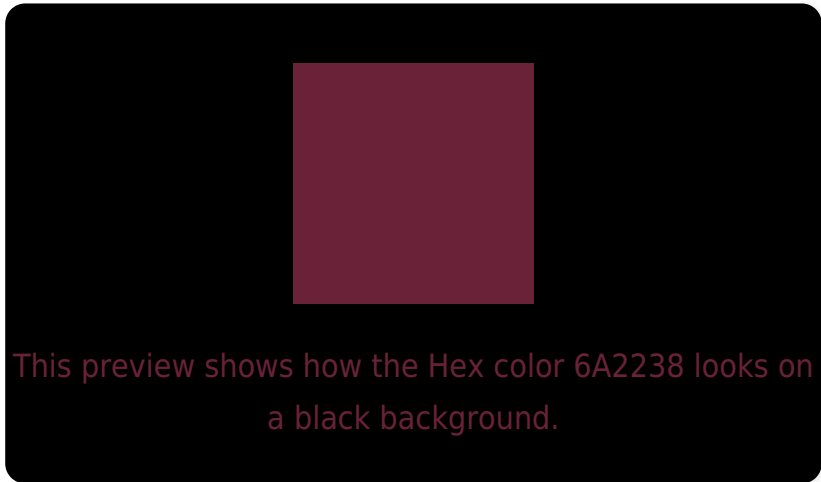
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A2238 Background



This preview shows how black text looks on a background with the Hex color 6A2238.



This preview shows how white text looks on a background with the Hex color 6A2238.

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
6A2238

Protanopia
3B3D47

Deuteranopia
463B35

Trichromacy



Original Color
6A2238

Protanomaly
4C3342

Deuteranomaly
533236

Tritanomaly
69242E

Monochromacy



Original Color
6A2238

Achromatopsia
3A3A3A

Achromatomaly
4B3139

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2238 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 #6A2238 looks like.

```
.text, #text, p{  
    color:#6A2238  
}
```

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 #6A2238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2238
}
```

Border

The CSS property to change the border of an element to Hex 6A2238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

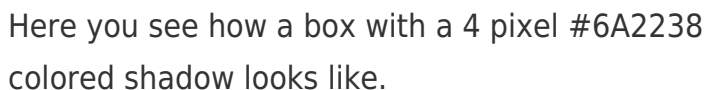
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2238 }
```

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

```
.border{ border-color:#6A2238 }
```

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



Here you see how a box with a 4 pixel #6A2238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2238; -webkit-box-shadow:4px 4px  
4px 4px #6A2238; box-shadow:4px 4px 4px  
4px #6A2238 }
```

Background

The CSS property to change the background color of an element to Hex 6A2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2238 }
```

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

```
.background{ background-color:#6A2238 }
```

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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