

Converting Colors

Hex(6A2130)

Have a look what the booklet for
Hex(6A2130) contains.

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Color

Hex(6A2130)

Conversions

Conversions Part 1

Format	Color
Hex	6A2130
RGB	106, 33, 48
RGB Percent	42%, 13%, 19%
CMY	0.5843, 0.8706, 0.8118
CMYK	0.00, 0.69, 0.55, 0.58
HSL	348°, 53%, 27%
HSV	348°, 69%, 42%
XYZ	7.0212, 4.3653, 3.2688
YIQ	56.5370, 38.6930, 20.1410

Conversions

Conversions Part 2

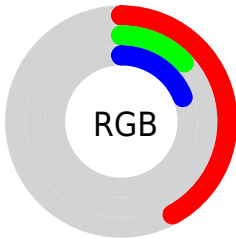
Format	Color
R_{YB}	106, 33, 48
Decimal	6955312
CIE _{Lab}	24.84, 33.74, 8.26
CIE _{LCh}	25, 34.739, 13.757
Yxy	4.3653, 0.4791, 0.2979
Android (android.graphics.Color)	4285145392 (0xFF6A2130)
YUV	56.5370, -4.2087, 43.3791
Hunter-Lab	20.8933, 23.4220, 5.3491

Details

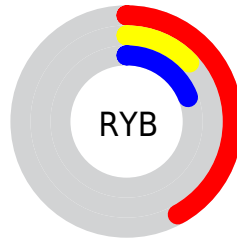
The Hex color **6A2130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **216A5B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A1525E**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6A1628**, and if you desaturate by 10%, it is **6A2C38**.

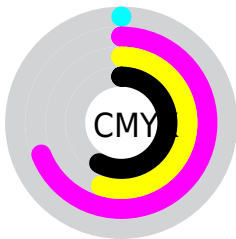
Distribution



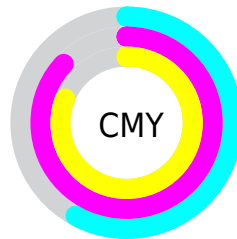
- Red (42%)
- Green (13%)
- Blue (19%)



- Red (42%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (69%)
- Yellow (55%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2130 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 6A2130 by changing the saturation by 10% instead.

6A2130

6A2130

FFFFFF

4F051B

A1525E

370000

BD6B76

180001

DA8590

000000

F8A0AA

FFBCC6

FFD8E2

FFF5FE

6A2130

6A2130

■ 6A1628

■ 6A2C38

■ 6A0C1F

■ 6A3641

■ 6A0117

■ 6A4149

■ 6A0016

■ 6A4B52

■ 6A565A

■ 6A6163

■ 6A6B6B

■ 6A7673

■ 6A807C

Harmonies

Analogous

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



63234A



6A2130



642918

Triad

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



6A2130



1E4312



00426D

Complementary

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



6A2130



216A5B

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.



00465F



6A2130



00462B

Square

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



6A2130



3D3D00



004747



1A3A6E

Rectangle

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



6A2130



5A3109



004747



00446A

Sweetspot

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



6A2130



8A6D73



5A216A



453437



C4C4C4



454545

Same Dimension

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



6A2130



8A172F



6A3621



363031



750018



F50032

Inverse Universe

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



6A2130



8A172F



21556A



363031



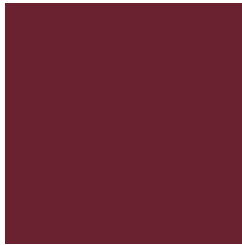
750018



F50032

Previews

White Background



This preview shows how the Hex color 6A2130 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

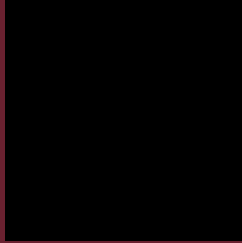
Any Text WCAG AA × Fail

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 6A2130 Background



This preview shows how black text looks on a background with the Hex color 6A2130.



This preview shows how white text looks on a background with the Hex color 6A2130.

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
6A2130

Protanopia
3D3C3D

Deuteranopia
473A2C

Trichromacy



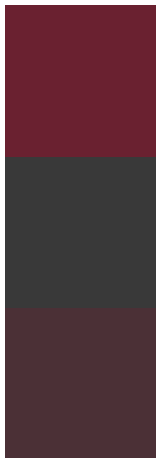
Original Color
6A2130

Protanomaly
4D3238

Deuteranomaly
54312D

Tritanomaly
692229

Monochromacy



Original Color
6A2130

Achromatopsia
393939

Achromatomaly
4B3036

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2130 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 #6A2130 looks like.

```
.text, #text, p{  
    color:#6A2130  
}
```

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 #6A2130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2130  
}
```

Border

The CSS property to change the border of an element to Hex 6A2130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

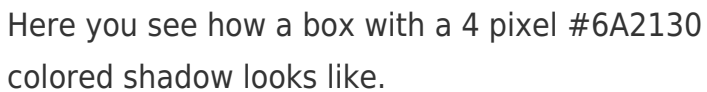
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A2130 }
```

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

```
.border{ border-color:#6A2130 }
```

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



Here you see how a box with a 4 pixel #6A2130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2130; -webkit-box-shadow:4px 4px  
4px 4px #6A2130; box-shadow:4px 4px 4px  
4px #6A2130 }
```

Background

The CSS property to change the background color of an element to Hex 6A2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2130 }
```

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

```
.background{ background-color:#6A2130 }
```

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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