

Converting Colors

Hex(682431)

Have a look what the booklet for
Hex(682431) contains.

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Color

Hex(682431)

Conversions

Conversions Part 1

Format	Color
Hex	682431
RGB	104, 36, 49
RGB Percent	41%, 14%, 19%
CMY	0.5922, 0.8588, 0.8078
CMYK	0.00, 0.65, 0.53, 0.59
HSL	349°, 49%, 27%
HSV	349°, 65%, 41%
XYZ	6.8942, 4.4266, 3.3968
YIQ	57.8140, 36.3550, 18.4590

Conversions

Conversions Part 2

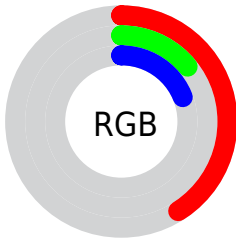
Format	Color
R_{YB}	104, 36, 49
Decimal	6825009
CIE _{Lab}	25.03, 31.65, 7.79
CIE _{LCh}	25, 32.594, 13.825
Yxy	4.4266, 0.4684, 0.3008
Android (android.graphics.Color)	4285015089 (0xFF682431)
YUV	57.8140, -4.3453, 40.5051
Hunter-Lab	21.0394, 21.6718, 5.1553

Details

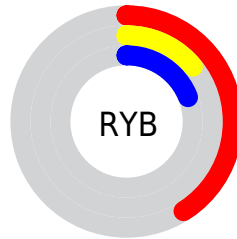
The Hex color **682431** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24685B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **9E555F**, and **350001** is the 20% darker color. If you saturate the color by 10%, you get **681A29**, and if you desaturate by 10%, it is **682E39**.

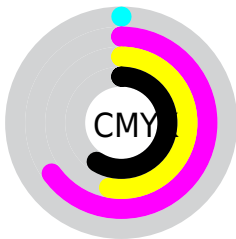
Distribution



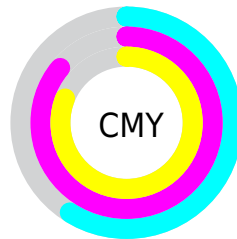
- Red (41%)
- Green (14%)
- Blue (19%)



- Red (41%)
- Yellow (14%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (53%)
- Black (59%)



- Cyan (59%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682431 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 682431 by changing the saturation by 10% instead.

 682431

 682431

FFFFFF

 4E0A1C

 9E555F

 350001

 BB6E78

 160000

 D78891

 000000

 F5A2AC

 FFBE7

 FFDAE3

 FFF7FF

 682431

 682431

■ 681A29

■ 682E39

■ 680F20

■ 683942

■ 680518

■ 68434A

■ 680014

■ 684E53

■ 68585B

■ 686263

■ 686D6C

■ 687774

■ 68827D

Harmonies

Analogous

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



61264A



682431



622B1A

Triad

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



682431



214315



00426B

Complementary

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



682431



24685B

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.



00465D



682431



00462D

Square

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



682431



3D3E05



004746



203A6B

Rectangle

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



682431



59320E



004746



004467

Sweetspot

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



682431



876C71



5A2468



453437



C4C4C4



454545

Same Dimension

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



682431



871E32



683824



332E2F



730016



F2002E

Inverse Universe

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



682431



871E32



245468



332E2F



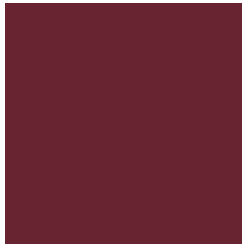
730016



F2002E

Previews

White Background



This preview shows how the Hex color 682431 looks on a white background.

Color Contrast Check

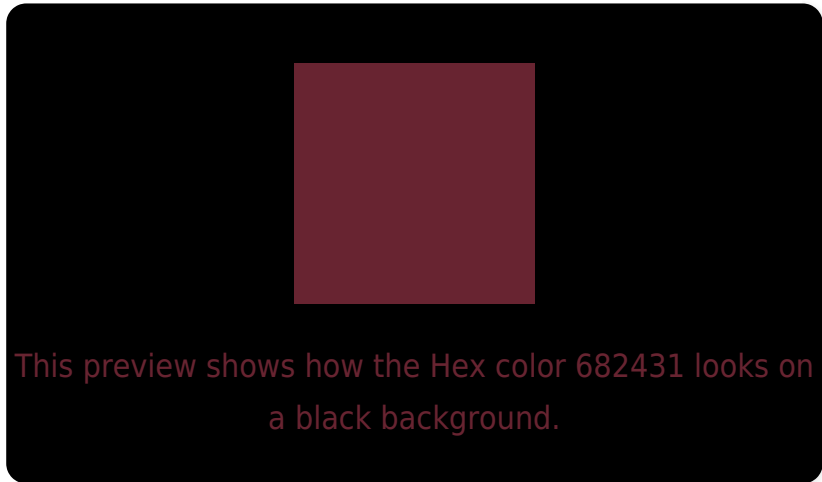
Large Text (above 18pt) WCAG AA ✓ Pass

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

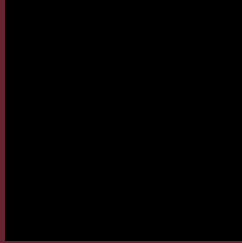
Any Text WCAG AA × Fail

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 682431 Background



This preview shows how black text looks on a background with the Hex color 682431.



This preview shows how white text looks on a background with the Hex color 682431.

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
682431

Protanopia
3D3C3D

Deuteranopia
473A2E



Tritanopia
672628

Trichromacy



Original Color
682431

Protanomaly
4D3339

Deuteranomaly
53322F

Tritanomaly
67252B

Monochromacy



Original Color
682431

Achromatopsia
3A3A3A

Achromatomaly
4B3237

CSS Examples

Text

The CSS property to change the color of the text to Hex 682431 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 #682431 looks like.

```
.text, #text, p{  
    color:#682431  
}
```

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 #682431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682431
}
```

Border

The CSS property to change the border of an element to Hex 682431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

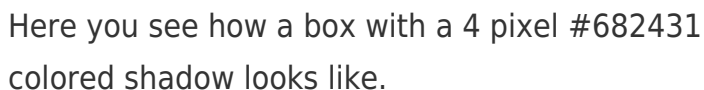
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682431 }
```

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

```
.border{ border-color:#682431 }
```

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



Here you see how a box with a 4 pixel #682431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682431; -webkit-box-shadow:4px 4px  
4px 4px #682431; box-shadow:4px 4px 4px  
4px #682431 }
```

Background

The CSS property to change the background color of an element to Hex 682431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682431 }
```

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

```
.background{ background-color:#682431 }
```

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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