

Converting Colors

Hex(680327)

Have a look what the booklet for
Hex(680327) contains.

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Color

Hex(680327)

Conversions

Conversions Part 1

Format	Color
Hex	680327
RGB	104, 3, 39
RGB Percent	41%, 1%, 15%
CMY	0.5922, 0.9882, 0.8471
CMYK	0.00, 0.97, 0.62, 0.59
HSL	339°, 94%, 21%
HSV	339°, 97%, 41%
XYZ	6.1077, 3.1547, 2.2065
YIQ	37.3030, 48.6400, 32.6080

Conversions

Conversions Part 2

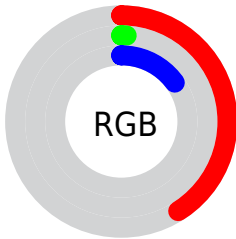
Format	Color
RYB	104, 3, 39
Decimal	6816551
CIELab	20.65, 42.28, 8.67
CIELCh	21, 43.163, 11.585
Yxy	3.1547, 0.5325, 0.2751
Android (android.graphics.Color)	4285006631 (0xFF680327)
YUV	37.3030, 0.8366, 58.4933
Hunter-Lab	17.7614, 30.2993, 5.0675

Details

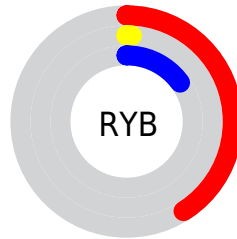
The Hex color **680327** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **036844**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **A03F54**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **680025**, and if you desaturate by 10%, it is **680D2E**.

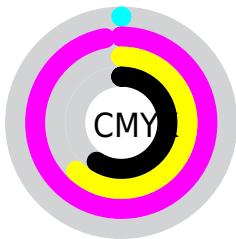
Distribution



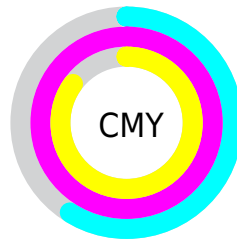
- Red (41%)
- Green (1%)
- Blue (15%)



- Red (41%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (97%)
- Yellow (62%)
- Black (59%)



- Cyan (59%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680327 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 680327 by changing the saturation by 10% instead.

680327

680327

FFFEFF

4D0013

A03F54

350002

BD596C

050000

DA7385

000000

F88D9F

FFA9BA

FFC5D5

FFE1F2

680327

680327

■ 680025

■ 680D2E

■ 681834

■ 68223B

■ 682D42

■ 683748

■ 68414F

■ 684C56

■ 68565D

■ 686163

Harmonies

Analogous

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



5F0C47



680327



611705

Triad

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



680327



0C3B00



003B6E

Complementary

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



680327



036844

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.



003E5C



680327



003E1C

Square

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



680327



333400



003F3E



003271

Rectangle

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



680327



552400



003F3E



003C6A

Sweetspot

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



680327



87606E



430368



452D35



C4C4C4



454545

Same Dimension

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



680327



870030



681003



332E30



730029



F20056

Inverse Universe

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



680327



870030



035B68



332E30



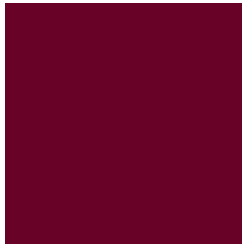
730029



F20056

Previews

White Background



This preview shows how the Hex color 680327 looks on a white background.

Color Contrast Check

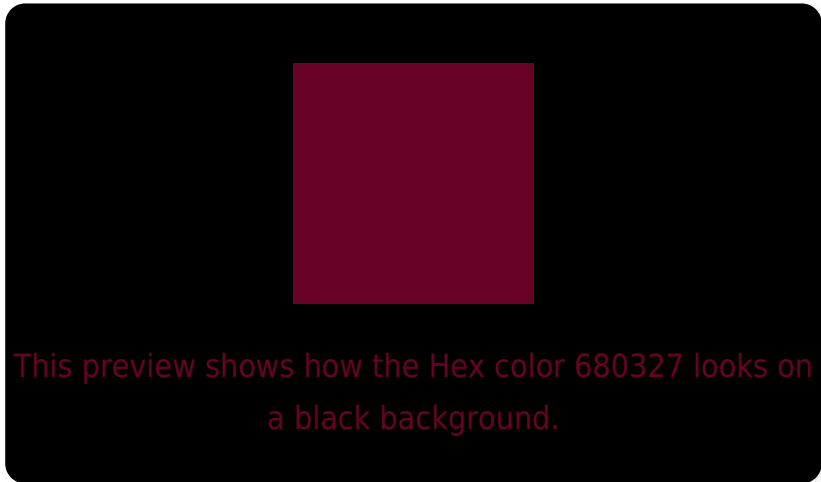
Large Text (above 18pt) WCAG AA ✓ Pass

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

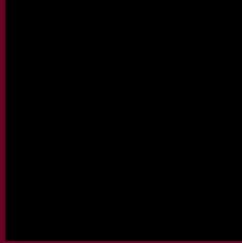
Any Text WCAG AA × Fail

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 680327 Background



This preview shows how black text looks on a background with the Hex color 680327.



This preview shows how white text looks on a background with the Hex color 680327.

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
680327

Protanopia
353539

Deuteranopia
403322

Trichromacy



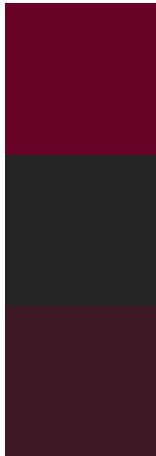
Original Color
680327

Protanomaly
482332

Deuteranomaly
4F2224

Tritanomaly
670B18

Monochromacy



Original Color
680327

Achromatopsia
252525

Achromatomaly
3D1926

CSS Examples

Text

The CSS property to change the color of the text to Hex 680327 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 #680327 looks like.

```
.text, #text, p{  
    color:#680327  
}
```

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 #680327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680327
}
```

Border

The CSS property to change the border of an element to Hex 680327 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".

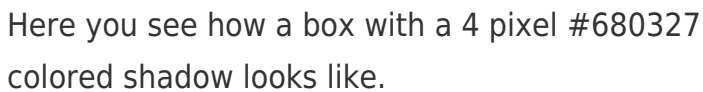
```
.border, #border, table{ border:4px solid
#680327 }
```

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

```
.border{ border-color:#680327 }
```

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

Here you see how a box with a 4 pixel #680327 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680327; -webkit-box-shadow:4px 4px  
4px 4px #680327; box-shadow:4px 4px 4px  
4px #680327 }
```

Background

The CSS property to change the background color of an element to Hex 680327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680327 }
```

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

```
.background{ background-color:#680327 }
```

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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