

Converting Colors

Hex(67081B)

Have a look what the booklet for
Hex(67081B) contains.

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Color

Hex(67081B)

Conversions

Conversions Part 1

Format	Color
Hex	67081B
RGB	103, 8, 27
RGB Percent	40%, 3%, 11%
CMY	0.5961, 0.9686, 0.8941
CMYK	0.00, 0.92, 0.74, 0.60
HSL	348°, 86%, 22%
HSV	348°, 92%, 40%
XYZ	5.8782, 3.1364, 1.3325
YIQ	38.5710, 50.5210, 26.0490

Conversions

Conversions Part 2

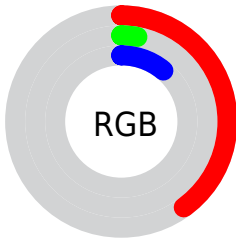
Format	Color
R_{YB}	103, 8, 27
Decimal	6752283
CIE _{Lab}	20.58, 40.05, 16.98
CIE _{LCh}	21, 43.501, 22.980
Yxy	3.1364, 0.5681, 0.3031
Android (android.graphics.Color)	4284942363 (0xFF67081B)
YUV	38.5710, -5.7045, 56.5042
Hunter-Lab	17.7098, 28.2551, 7.9359

Details

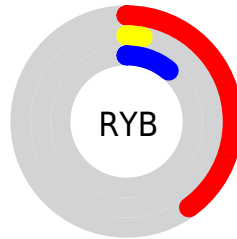
The Hex color **67081B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **086754**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A04046**, and **330002** is the 20% darker color. If you saturate the color by 10%, you get **670015**, and if you desaturate by 10%, it is **671223**.

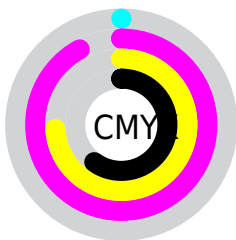
Distribution



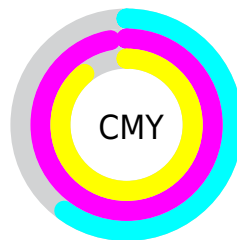
- Red (40%)
- Green (3%)
- Blue (11%)



- Red (40%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (92%)
- Yellow (74%)
- Black (60%)



- Cyan (60%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67081B 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 67081B by changing the saturation by 10% instead.

 67081B

 67081B

FFFFFFE

 4C0000

 A04046

 330002

 BD5A5E

 000000

 DA7476

 F88F90

 FFAAAA

 FFC6C6

 FFE2E2

 67081B

 67081B

■ 670015

■ 671223

■ 671D2B

■ 672734

■ 67313C

■ 673C44

■ 67464C

■ 675055

■ 675A5D

■ 676565

Harmonies

Analogous

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



65033B



67081B



5B1E00

Triad

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



67081B



003C04



003872

Complementary

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



67081B



086754

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.



003D65



67081B



003E29

Square

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



67081B



273700



003F4A



172D6D

Rectangle

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



67081B



4D2900



003F4A



003A6F

Sweetspot

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



67081B



876169



540867



452D32



C4C4C4



454545

Same Dimension

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



67081B



87001B



672508



332E2F



730017



F20030

Inverse Universe

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



67081B



87001B



084A67



332E2F



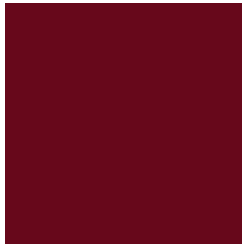
730017



F20030

Previews

White Background



This preview shows how the Hex color 67081B 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 67081B Background



This preview shows how black text looks on a background with the Hex color 67081B.

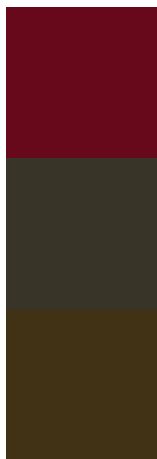


This preview shows how white text looks on a background with the Hex color 67081B.

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
67081B

Protanopia
383528

Deuteranopia
413215



Tritanopia
670D0B

Trichromacy



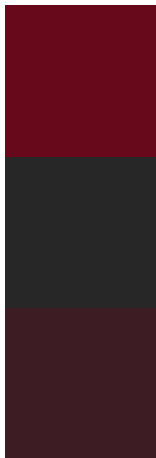
Original Color
67081B

Protanomaly
492523

Deuteranomaly
4F2317

Tritanomaly
670B11

Monochromacy



Original Color
67081B

Achromatopsia
272727

Achromatomaly
3E1C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 67081B 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 #67081B looks like.

```
.text, #text, p{  
    color:#67081B  
}
```

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 #67081B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67081B
}
```

Border

The CSS property to change the border of an element to Hex 67081B is called "border". The border property can be set on classes, ids or directly on the HTML element.

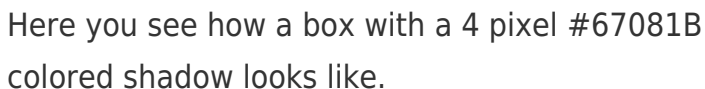
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67081B }
```

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

```
.border{ border-color:#67081B }
```

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



Here you see how a box with a 4 pixel #67081B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67081B; -webkit-box-shadow:4px 4px  
4px 4px #67081B; box-shadow:4px 4px 4px  
4px #67081B }
```

Background

The CSS property to change the background color of an element to Hex 67081B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67081B }
```

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

```
.background{ background-color:#67081B }
```

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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