

Converting Colors

Hex(5B0D4F)

Have a look what the booklet for
Hex(5B0D4F) contains.

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Color

Hex(5B0D4F)

Conversions

Conversions Part 1

Format	Color
Hex	5B0D4F
RGB	91, 13, 79
RGB Percent	36%, 5%, 31%
CMY	0.6431, 0.9490, 0.6902
CMYK	0.00, 0.86, 0.13, 0.64
HSL	309°, 75%, 20%
HSV	309°, 86%, 36%
XYZ	5.8696, 3.0765, 7.6816
YIQ	43.8460, 25.3020, 37.0620

Conversions

Conversions Part 2

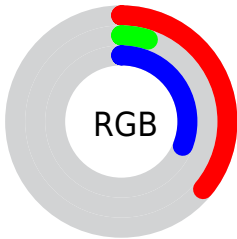
Format	Color
RYB	91, 13, 79
Decimal	5967183
CIELab	20.35, 40.96, -19.97
CIElCh	20, 45.572, 334.007
Yxy	3.0765, 0.3530, 0.1850
Android (android.graphics.Color)	4284157263 (0xFF5B0D4F)
YUV	43.8460, 17.3309, 41.3541
Hunter-Lab	17.5400, 29.0384, -13.6880

Details

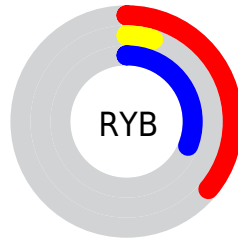
The Hex color **5B0D4F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **0D5B19**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **904380**, and **2D0023** is the 20% darker color. If you saturate the color by 10%, you get **5B044E**, and if you desaturate by 10%, it is **5B1650**.

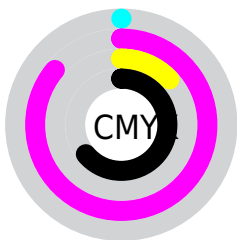
Distribution



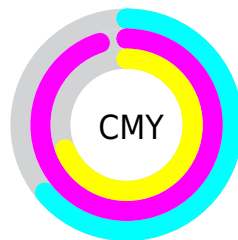
- Red (36%)
- Green (5%)
- Blue (31%)



- Red (36%)
- Yellow (5%)
- Blue (31%)



- Cyan (0%)
- Magenta (86%)
- Yellow (13%)
- Black (64%)



- Cyan (64%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0D4F 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 5B0D4F by changing the saturation by 10% instead.

■ 5B0D4F

■ 5B0D4F

FFFFFF

■ 420038

■ 904380

■ 2D0023

■ AB5C9B

■ 000008

■ C776B5

■ 000000

■ E491D1

■ FFACED

■ FFC8FF

■ FFE4FF

■ 5B0D4F

■ 5B0D4F

■ 5B044E

■ 5B1650

■ 5B004D

■ 5B1F52

■ 5B2853

■ 5B3155

■ 5B3B56

■ 5B4457

■ 5B4D59

■ 5B565A

■ 5B5F5C

Harmonies

Analogous

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



332569



5B0D4F



69002E

Triad

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



5B0D4F



3A3100



003F56

Complementary

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



5B0D4F



0D5B19

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.



003F35



5B0D4F



173900

Square

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



5B0D4F



542300



003D11



003C6E

Rectangle

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



5B0D4F



680218



003D11



003F4C

Sweetspot

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



5B0D4F



755771



190D5B



3B2838



BABABA



3B3B3B

Same Dimension

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



5B0D4F



750063



5B0D28



2E292D



6E005D



ED00C9

Inverse Universe

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



5B0D4F



750063



0D5B40



2E292D



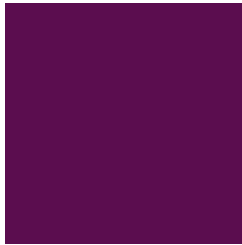
6E005D



ED00C9

Previews

White Background



This preview shows how the Hex color 5B0D4F looks on a white background.

Color Contrast Check

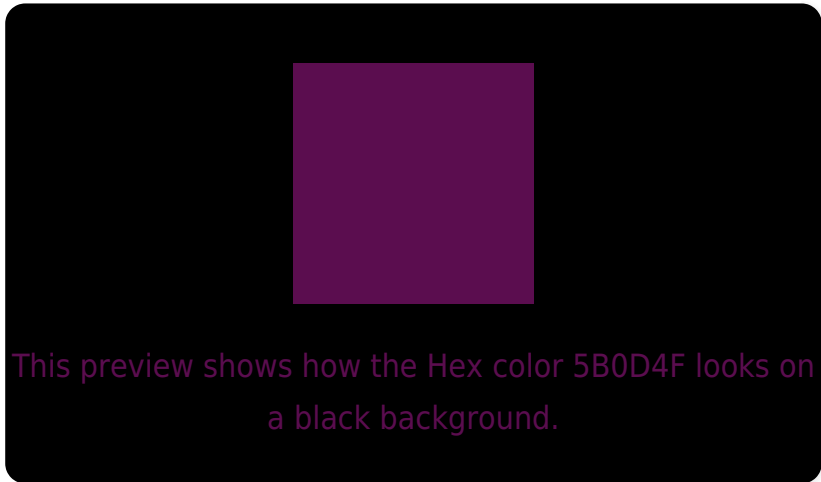
Large Text (above 18pt) WCAG AA ✓ Pass

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

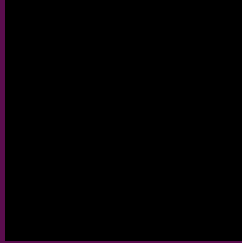
Any Text WCAG AA × Fail

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 5B0D4F Background



This preview shows how black text looks on a background with the Hex color 5B0D4F.



This preview shows how white text looks on a background with the Hex color 5B0D4F.

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
5B0D4F

Protanopia
002669

Deuteranopia
2A334A

Trichromacy



Original Color
5B0D4F

Protanomaly
212560

Deuteranomaly
3C254C

Tritanomaly
581A33

Monochromacy



Original Color
5B0D4F

Achromatopsia
2C2C2C

Achromatomaly
3D2139

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0D4F 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 #5B0D4F looks like.

```
.text, #text, p{  
    color:#5B0D4F  
}
```

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 #5B0D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0D4F
}
```

Border

The CSS property to change the border of an element to Hex 5B0D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

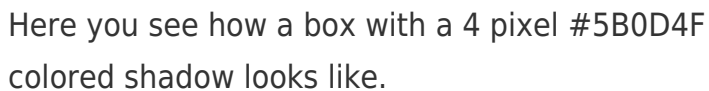
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0D4F }
```

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

```
.border{ border-color:#5B0D4F }
```

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



Here you see how a box with a 4 pixel #5B0D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0D4F; -webkit-box-shadow:4px 4px  
4px 4px #5B0D4F; box-shadow:4px 4px 4px  
4px #5B0D4F }
```

Background

The CSS property to change the background color of an element to Hex 5B0D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0D4F }
```

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

```
.background{ background-color:#5B0D4F }
```

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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