

Converting Colors

Hex(5B0B24)

Have a look what the booklet for
Hex(5B0B24) contains.

Hex(5B0B24)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B0B24)

Conversions

Conversions Part 1

Format	Color
Hex	5B0B24
RGB	91, 11, 36
RGB Percent	36%, 4%, 14%
CMY	0.6431, 0.9569, 0.8588
CMYK	0.00, 0.88, 0.60, 0.64
HSL	341°, 78%, 20%
HSV	341°, 88%, 36%
XYZ	4.7525, 2.5909, 1.9187
YIQ	37.7700, 39.6550, 24.7350

Conversions

Conversions Part 2

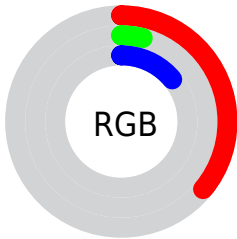
Format	Color
RYB	91, 11, 36
Decimal	5966628
CIELab	18.32, 36.25, 7.14
CIElCh	18, 36.948, 11.135
Yxy	2.5909, 0.5131, 0.2797
Android (android.graphics.Color)	4284156708 (0xFF5B0B24)
YUV	37.7700, -0.8726, 46.6827
Hunter-Lab	16.0962, 24.5349, 4.1999

Details

The Hex color **5B0B24** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B5B42**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **924050**, and **2A0001** is the 20% darker color. If you saturate the color by 10%, you get **5B021E**, and if you desaturate by 10%, it is **5B142A**.

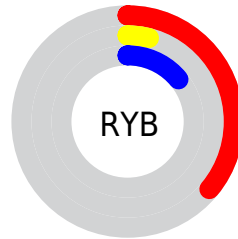
Distribution



Red (36%)

Green (4%)

Blue (14%)



Red (36%)

Yellow (4%)

Blue (14%)

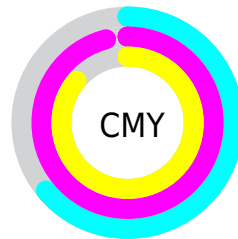


Cyan (0%)

Magenta (88%)

Yellow (60%)

Black (64%)



Cyan (64%)

Magenta (96%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0B24 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 5B0B24 by changing the saturation by 10% instead.

 5B0B24

 5B0B24

 FFFDFF

 41000F

 924050

 2A0001

 AE5968

 000000

 CA7281

 E88D9B

 FFA8B6

 FFC3D2

 FFE0EE

 5B0B24

 5B0B24

■ 5B021E

■ 5B142A

■ 5B001C

■ 5B1D31

■ 5B2637

■ 5B2F3D

■ 5B3943

■ 5B424A

■ 5B4B50

■ 5B5456

■ 5B5D5C

Harmonies

Analogous

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



53113F



5B0B24



551708

Triad

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



5B0B24



113400



003460

Complementary

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



5B0B24



0B5B42

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.



00384F



5B0B24



00371A

Square

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



5B0B24



2F2F00



003836



002D62

Rectangle

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



5B0B24



4C2100



003836



00365C

Sweetspot

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



5B0B24



755760



420B5B



3B282E



BABABA



3B3B3B

Same Dimension

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



5B0B24



750025



5B1A0B



2E292B



6E0022



ED004A

Inverse Universe

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



5B0B24



750025



0B4C5B



2E292B



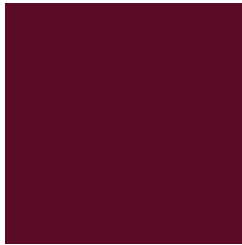
6E0022



ED004A

Previews

White Background



This preview shows how the Hex color 5B0B24 looks on a white background.

Color Contrast Check

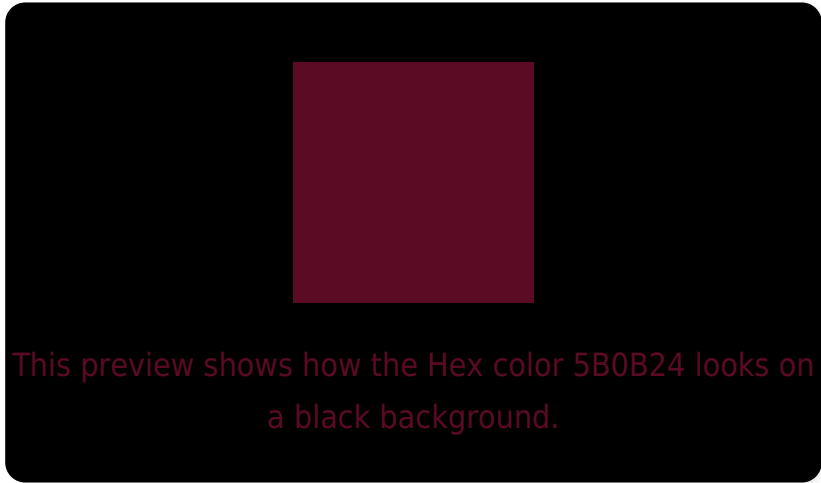
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B0B24 Background



This preview shows how black text looks on a background with the Hex color 5B0B24.



This preview shows how white text looks on a background with the Hex color 5B0B24.

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
5B0B24

Protanopia
2F2F33

Deuteranopia
392D20



Tritanopia
5A1111

Trichromacy



Original Color
5B0B24

Protanomaly
3F222E

Deuteranomaly
452121

Tritanomaly
5A0F18

Monochromacy



Original Color
5B0B24

Achromatopsia
262626

Achromatomaly
391C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0B24 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 #5B0B24 looks like.

```
.text, #text, p{  
    color:#5B0B24  
}
```

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 #5B0B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0B24
}
```

Border

The CSS property to change the border of an element to Hex 5B0B24 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".

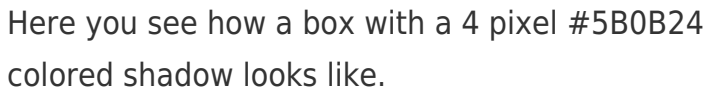
```
.border, #border, table{ border:4px solid
#5B0B24 }
```

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

```
.border{ border-color:#5B0B24 }
```

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

Here you see how a box with a 4 pixel #5B0B24 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and down from the bottom-right corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0B24; -webkit-box-shadow:4px 4px  
4px 4px #5B0B24; box-shadow:4px 4px 4px  
4px #5B0B24 }
```

Background

The CSS property to change the background color of an element to Hex 5B0B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0B24 }
```

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

```
.background{ background-color:#5B0B24 }
```

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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