

Converting Colors

Hex(5B2334)

Have a look what the booklet for
Hex(5B2334) contains.

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Color

Hex(5B2334)

Conversions

Conversions Part 1

Format	Color
Hex	5B2334
RGB	91, 35, 52
RGB Percent	36%, 14%, 20%
CMY	0.6431, 0.8627, 0.7961
CMYK	0.00, 0.62, 0.43, 0.64
HSL	342°, 44%, 25%
HSV	342°, 62%, 36%
XYZ	5.5352, 3.6741, 3.6663
YIQ	53.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

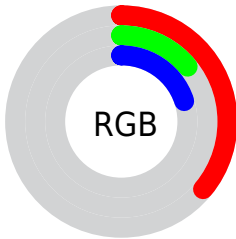
Format	Color
R_{YB}	91, 35, 52
Decimal	5972788
CIE Lab	22.56, 27.58, 1.91
CIE LCh	23, 27.651, 3.952
Yxy	3.6741, 0.4299, 0.2854
Android (android.graphics.Color)	4284162868 (0xFF5B2334)
YUV	53.6820, -0.8292, 32.7279
Hunter-Lab	19.1681, 18.0022, 2.0773

Details

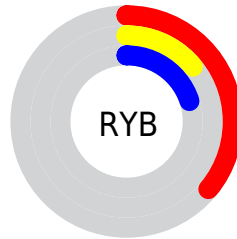
The Hex color **5B2334** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **235B4A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **905262**, and **2C0006** is the 20% darker color. If you saturate the color by 10%, you get **5B1A2E**, and if you desaturate by 10%, it is **5B2C3A**.

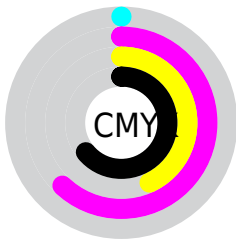
Distribution



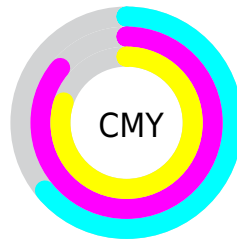
- Red (36%)
- Green (14%)
- Blue (20%)



- Red (36%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (64%)



- Cyan (64%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2334 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 5B2334 by changing the saturation by 10% instead.

 5B2334

 5B2334

FFFFFF

 420B1F

 905262

 2C0006

 AB6B7B

 000000

 C78595

 E49FB0

 FFBBCB

 FFD7E7

 FFF3FF

 5B2334

 5B2334

■ 5B1A2E

■ 5B2C3A

■ 5B1127

■ 5B3541

■ 5B0821

■ 5B3E47

■ 5B001C

■ 5B474D

■ 5B5154

■ 5B5A5A

■ 5B6360

■ 5B6C67

■ 5B756D

Harmonies

Analogous

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



512748



5B2334



5A2620

Triad

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



5B2334



293B12



003D5B

Complementary

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



5B2334



235B4A

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.



003F4C



5B2334



073F23

Square

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



5B2334



3E3609



004038



0D375F

Rectangle

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



5B2334



532B15



004038



003E57

Sweetspot

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



5B2334



756067



49235B



3B2E32



BABABA



3B3B3B

Same Dimension

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



5B2334



751E39



5B2D23



2E292B



6E0021



ED0048

Inverse Universe

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



5B2334



751E39



23515B



2E292B



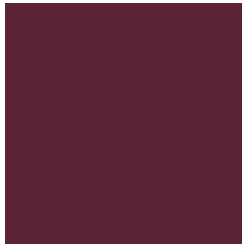
6E0021



ED0048

Previews

White Background



This preview shows how the Hex color 5B2334 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

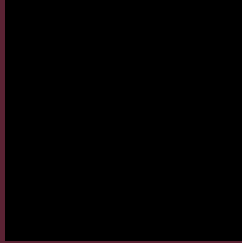
Any Text WCAG AA × Fail

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 5B2334 Background



This preview shows how black text looks on a background with the Hex color 5B2334.



This preview shows how white text looks on a background with the Hex color 5B2334.

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
5B2334

Protanopia
35363F

Deuteranopia
3E3531



Tritanopia
5A2528

Trichromacy



Original Color

5B2334

Protanomaly

432F3B

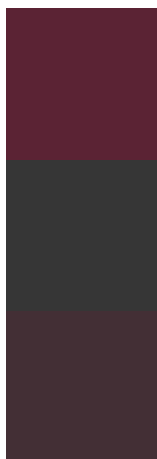
Deuteranomaly

492E32

Tritanomaly

5A242C

Monochromacy



Original Color

5B2334

Achromatopsia

363636

Achromatomaly

432F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2334 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 #5B2334 looks like.

```
.text, #text, p{  
    color:#5B2334  
}
```

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 #5B2334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2334
}
```

Border

The CSS property to change the border of an element to Hex 5B2334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

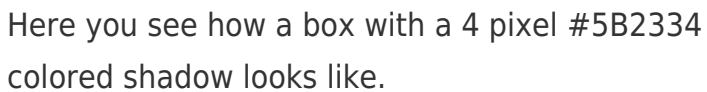
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2334 }
```

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

```
.border{ border-color:#5B2334 }
```

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



Here you see how a box with a 4 pixel #5B2334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2334; -webkit-box-shadow:4px 4px  
4px 4px #5B2334; box-shadow:4px 4px 4px  
4px #5B2334 }
```

Background

The CSS property to change the background color of an element to Hex 5B2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2334 }
```

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

```
.background{ background-color:#5B2334 }
```

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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