

Converting Colors

Hex(5E2128)

Have a look what the booklet for
Hex(5E2128) contains.

Hex(5E2128)	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(5E2128)

Conversions

Conversions Part 1

Format	Color
Hex	5E2128
RGB	94, 33, 40
RGB Percent	37%, 13%, 16%
CMY	0.6314, 0.8706, 0.8431
CMYK	0.00, 0.65, 0.57, 0.63
HSL	353°, 48%, 25%
HSV	353°, 65%, 37%
XYZ	5.5430, 3.6206, 2.4142
YIQ	52.0370, 34.1090, 15.1090

Conversions

Conversions Part 2

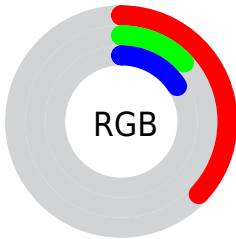
Format	Color
R_{YB}	94, 33, 40
Decimal	6168872
CIE Lab	22.38, 28.49, 9.98
CIE LCh	22, 30.183, 19.303
Yxy	3.6206, 0.4788, 0.3127
Android (android.graphics.Color)	4284358952 (0xFF5E2128)
YUV	52.0370, -5.9342, 36.8016
Hunter-Lab	19.0279, 18.6995, 5.7970

Details

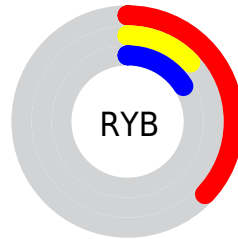
The Hex color **5E2128** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **215E57**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **945155**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5E1820**, and if you desaturate by 10%, it is **5E2A30**.

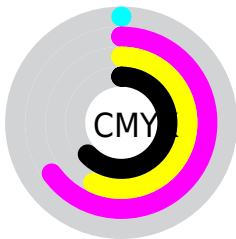
Distribution



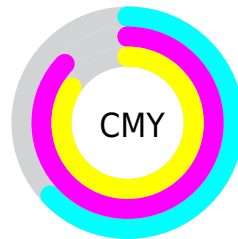
- Red (37%)
- Green (13%)
- Blue (16%)



- Red (37%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (63%)



- Cyan (63%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2128 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 5E2128 by changing the saturation by 10% instead.

 5E2128

 5E2128

FFFFFF

 440814

 945155

 2D0000

 B0696D

 000000

 CC8386

 E99EA1

 FFB9BC

 FFD5D7

 FFF1F4

 5E2128

 5E2128

■ 5E1820

■ 5E2A30

■ 5E0E17

■ 5E3439

■ 5E050F

■ 5E3D41

■ 5E000B

■ 5E4749

■ 5E5052

■ 5E595A

■ 5E6362

■ 5E6C6B

■ 5E7673

Harmonies

Analogous

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



5A213E



5E2128



572814

Triad

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



5E2128



183D16



003A62

Complementary

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



5E2128



215E57

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.



003F57



5E2128



00402C

Square

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



5E2128



333905



004044



263360

Rectangle

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



5E2128



4E2F08



004044



003C5F

Sweetspot

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



5E2128



7A6366



57215E



3D2F31



BDBDBD



3D3D3D

Same Dimension

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



5E2128



7A1B26



5E3821



2E292A



6E000D



ED001B

Inverse Universe

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



5E2128



7A1B26



21475E



2E292A



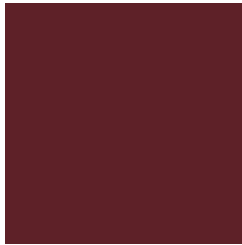
6E000D



ED001B

Previews

White Background



This preview shows how the Hex color 5E2128 looks on a white background.

Color Contrast Check

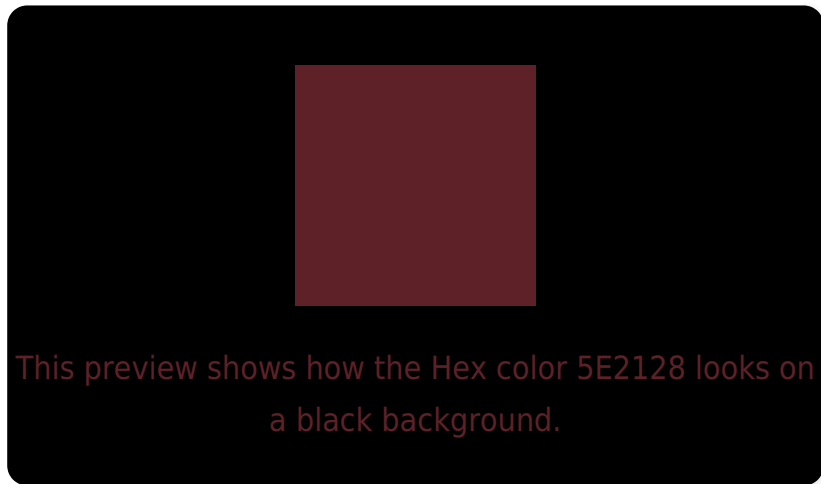
Large Text (above 18pt) WCAG AA ✓ Pass

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

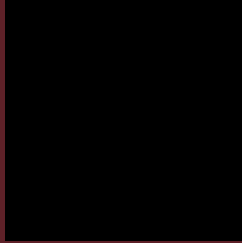
Any Text WCAG AA × Fail

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 5E2128 Background



This preview shows how black text looks on a background with the Hex color 5E2128.



This preview shows how white text looks on a background with the Hex color 5E2128.

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
5E2128

Protanopia
393632

Deuteranopia
413425

Trichromacy



Original Color
5E2128

Protanomaly
462E2E

Deuteranomaly
4C2D26

Tritanomaly
5E2225

Monochromacy



Original Color
5E2128

Achromatopsia
343434

Achromatomaly
432D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2128 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 #5E2128 looks like.

```
.text, #text, p{  
    color:#5E2128  
}
```

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 #5E2128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2128
}
```

Border

The CSS property to change the border of an element to Hex 5E2128 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".

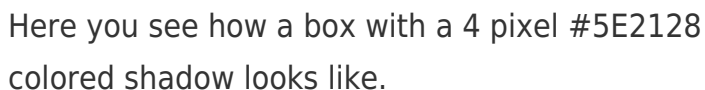
```
.border, #border, table{ border:4px solid
#5E2128 }
```

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

```
.border{ border-color:#5E2128 }
```

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

Here you see how a box with a 4 pixel #5E2128 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 horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2128; -webkit-box-shadow:4px 4px  
4px 4px #5E2128; box-shadow:4px 4px 4px  
4px #5E2128 }
```

Background

The CSS property to change the background color of an element to Hex 5E2128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2128 }
```

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

```
.background{ background-color:#5E2128 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor