

# Converting Colors

Hex(5E2124)

Have a look what the booklet for  
Hex(5E2124) contains.

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# Color

**Hex(5E2124)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E2124
RGB	94, 33, 36
RGB Percent	37%, 13%, 14%
CMY	0.6314, 0.8706, 0.8588
CMYK	0.00, 0.65, 0.62, 0.63
HSL	357°, 48%, 25%
HSV	357°, 65%, 37%
XYZ	5.4784, 3.5948, 2.0742
YIQ	51.5810, 35.3930, 13.8650

# Conversions

## Conversions Part 2

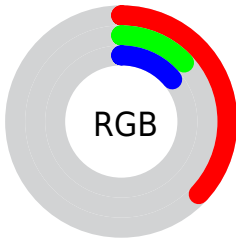
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 33, 36
Decimal	6168868
CIELab	22.28, 28.12, 12.59
CIELCh	22, 30.815, 24.119
Yxy	3.5948, 0.4915, 0.3225
Android (android.graphics.Color)	4284358948 (0xFF5E2124)
YUV	51.5810, -7.6814, 37.2015
Hunter-Lab	18.9599, 18.3971, 6.7857

# Details

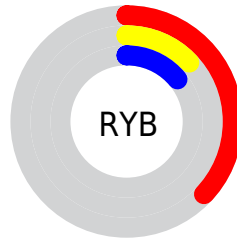
The Hex color **5E2124** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **215E5B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **945050**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5E181B**, and if you desaturate by 10%, it is **5E2A2D**.

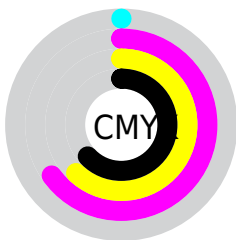
# Distribution



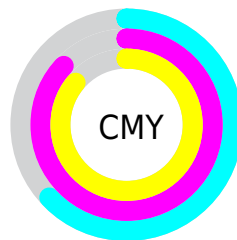
- Red (37%)
- Green (13%)
- Blue (14%)



- Red (37%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (63%)



- Cyan (63%)
- Magenta (87%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E2124 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 5E2124 by changing the saturation by 10% instead.



 5E2124

 5E2124

FFFFFF

 44080F

 945050

 2D0000

 B06968

 000000

 CC8382

 EA9D9C

 FFB9B6

 FFD5D2

 FFF1EE

 5E2124

 5E2124

■ 5E181B

■ 5E2A2D

■ 5E0E12

■ 5E3436

■ 5E0509

■ 5E3D3F

■ 5E0005

■ 5E4748

■ 5E5051

■ 5E595A

■ 5E6363

■ 5E6C6C

■ 5E7674

# Harmonies

## Analogous

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



5C203B



5E2124



552910

# Triad

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



5E2124



0F3E19



003963

# Complementary

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



5E2124



215E5B

# 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.



003E5A



5E2124



004030

# Square

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



5E2124



2F3A06



004047



2D315F

# Rectangle

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



5E2124



4B3005



004047



003B61



# Sweetspot

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



5E2124



7A6364



5B215E



3D2F30



BDBDBD



3D3D3D



# Same Dimension

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



5E2124



7A1B20



5E3C21



2E292A



6E0005



ED000C



# Inverse Universe

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



5E2124



7A1B20



21435E



2E292A



6E0005

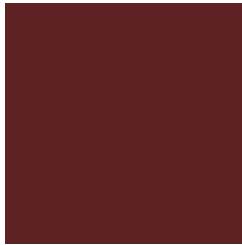


ED000C



# Previews

## White Background



This preview shows how the Hex color 5E2124 looks on a white background.

## Color Contrast Check

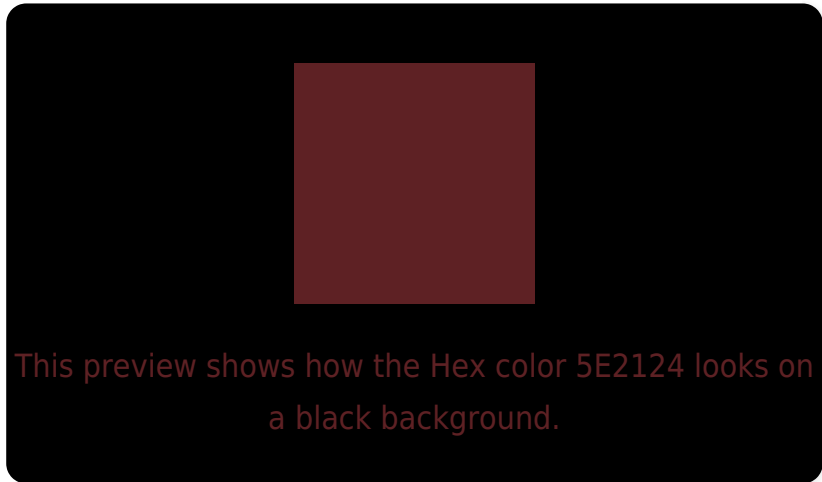
Large Text (above 18pt) WCAG AA ✓ Pass

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

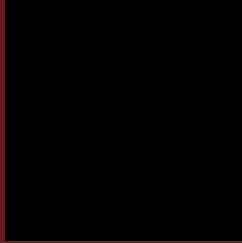
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E2124 Background



This preview shows how black text looks on a background with the Hex color 5E2124.

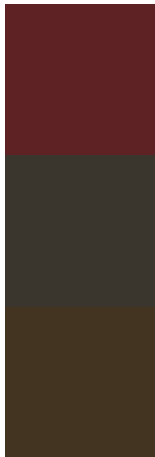


This preview shows how white text looks on a background with the Hex color 5E2124.

# 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



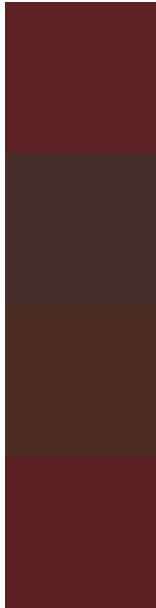
**Original Color**  
5E2124

**Protanopia**  
3A362D

**Deuteranopia**  
423421



# Trichromacy



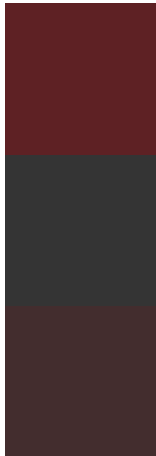
**Original Color**  
5E2124

**Protanomaly**  
472E2A

**Deuteranomaly**  
4C2D22

**Tritanomaly**  
5E2123

# Monochromacy



**Original Color**  
5E2124

**Achromatopsia**  
343434

**Achromatomaly**  
432D2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E2124 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 #5E2124 looks like.

```
.text, #text, p{  
    color:#5E2124  
}
```

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 #5E2124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2124
}
```

## Border

The CSS property to change the border of an element to Hex 5E2124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

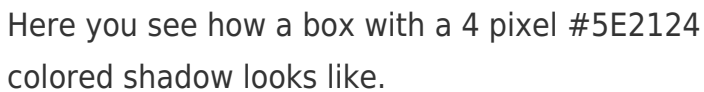
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2124 }
```

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

```
.border{ border-color:#5E2124 }
```

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



Here you see how a box with a 4 pixel #5E2124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2124; -webkit-box-shadow:4px 4px  
4px 4px #5E2124; box-shadow:4px 4px 4px  
4px #5E2124 }
```

# Background

The CSS property to change the background color of an element to Hex 5E2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2124 }
```

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

```
.background{ background-color:#5E2124 }
```

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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