

# Converting Colors

Hex(5E1235)

Have a look what the booklet for  
Hex(5E1235) contains.

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# Color

**Hex(5E1235)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E1235
RGB	94, 18, 53
RGB Percent	37%, 7%, 21%
CMY	0.6314, 0.9294, 0.7922
CMYK	0.00, 0.81, 0.44, 0.63
HSL	332°, 68%, 22%
HSV	332°, 81%, 37%
XYZ	5.4750, 3.0693, 3.6720
YIQ	44.7140, 34.0610, 26.9970

# Conversions

## Conversions Part 2

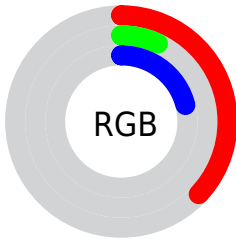
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 18, 53
Decimal	6165045
CIE Lab	20.32, 36.55, -2.00
CIE LCh	20, 36.606, 356.873
Yxy	3.0693, 0.4482, 0.2512
Android (android.graphics.Color)	4284355125 (0xFF5E1235)
YUV	44.7140, 4.0850, 43.2238
Hunter-Lab	17.5195, 25.1236, -0.1633

# Details

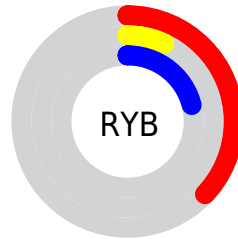
The Hex color **5E1235** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **125E3B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **944563**, and **2F0008** is the 20% darker color. If you saturate the color by 10%, you get **5E0930**, and if you desaturate by 10%, it is **5E1B3A**.

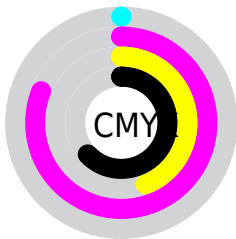
# Distribution



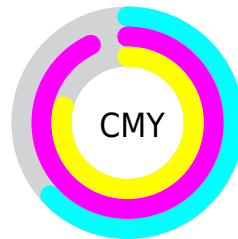
- Red (37%)
- Green (7%)
- Blue (21%)



- Red (37%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (44%)
- Black (63%)



- Cyan (63%)
- Magenta (93%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E1235 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 5E1235 by changing the saturation by 10% instead.



 5E1235

 5E1235

FFFFFF

 440020

 944563

 2F0008

 B05E7C

 000000

 CC7896

 E993B1

 FFAECC

 FFCAE8

 FFE6FF

 5E1235

 5E1235

■ 5E0930

■ 5E1B3A

■ 5E002B

■ 5E253F

■ 5E2E44

■ 5E3849

■ 5E414E

■ 5E4A53

■ 5E5458

■ 5E5D5E

■ 5E6763

# Harmonies

## Analogous

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



4E1D4F



5E1235



5E161B

# Triad

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



5E1235



263600



003B5E

# Complementary

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



5E1235



125E3B

# 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.



003D49



5E1235



003B11

# Square

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



5E1235



402F00



003D2D



003567

# Rectangle

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



5E1235



581F08



003D2D



003C58



# Sweetspot

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



5E1235



7A5D6B



3B125E



3D2B34



BDBDBD



3D3D3D



# Same Dimension

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



5E1235



7A043A



5E1512



2E292B



6E0032



ED006D



# Inverse Universe

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



5E1235



7A043A



125B5E



2E292B



6E0032

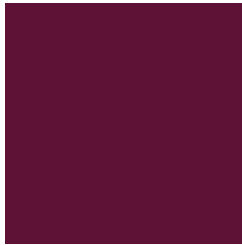


ED006D



# Previews

## White Background



This preview shows how the Hex color 5E1235 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

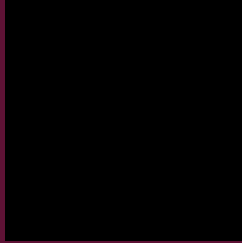
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E1235 Background



This preview shows how black text looks on a background with the Hex color 5E1235.



This preview shows how white text looks on a background with the Hex color 5E1235.

# 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**  
5E1235

**Protanopia**  
2C3248

**Deuteranopia**  
393131



**Tritanopia**  
5D1A1B

# Trichromacy



**Original Color**  
5E1235

**Protanomaly**  
3E2641

**Deuteranomaly**  
462632

**Tritanomaly**  
5D1724

# Monochromacy



**Original Color**  
5E1235

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3F2330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E1235 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 #5E1235 looks like.

```
.text, #text, p{  
    color:#5E1235  
}
```

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 #5E1235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1235
}
```

## Border

The CSS property to change the border of an element to Hex 5E1235 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
#5E1235 }
```

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

```
.border{ border-color:#5E1235 }
```

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

Here you see how a box with a 4 pixel #5E1235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1235; -webkit-box-shadow:4px 4px  
4px 4px #5E1235; box-shadow:4px 4px 4px  
4px #5E1235 }
```

# Background

The CSS property to change the background color of an element to Hex 5E1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1235 }
```

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

```
.background{ background-color:#5E1235 }
```

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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