

# Converting Colors

Hex(5B2538)

Have a look what the booklet for  
Hex(5B2538) contains.

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**Color**

**Hex(5B2538)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B2538
RGB	91, 37, 56
RGB Percent	36%, 15%, 22%
CMY	0.6431, 0.8549, 0.7804
CMYK	0.00, 0.59, 0.38, 0.64
HSL	339°, 42%, 25%
HSV	339°, 59%, 36%
XYZ	5.6898, 3.8328, 4.1813
YIQ	55.3120, 26.0850, 17.3570

# Conversions

## Conversions Part 2

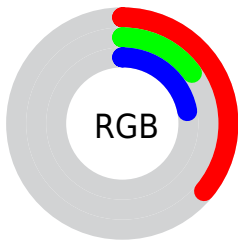
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 37, 56
Decimal	5973304
CIELab	23.11, 27.01, -0.04
CIElCh	23, 27.013, 359.908
Yxy	3.8328, 0.4152, 0.2797
Android (android.graphics.Color)	4284163384 (0xFF5B2538)
YUV	55.3120, 0.3392, 31.2984
Hunter-Lab	19.5776, 17.6162, 1.0413

# Details

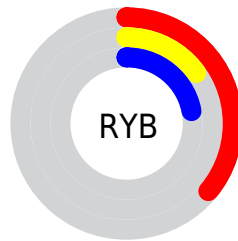
The Hex color **5B2538** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **255B48**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8F5467**, and **2C000C** is the 20% darker color. If you saturate the color by 10%, you get **5B1C32**, and if you desaturate by 10%, it is **5B2E3E**.

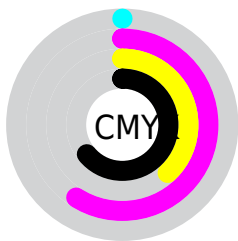
# Distribution



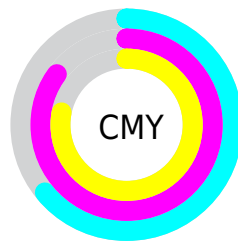
- Red (36%)
- Green (15%)
- Blue (22%)



- Red (36%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (38%)
- Black (64%)



- Cyan (64%)
- Magenta (85%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2538 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 5B2538 by changing the saturation by 10% instead.



 5B2538

 5B2538

FFFFFF

 420E23

 8F5467

 2C000C

 AB6D80

 000000

 C7879A

 E3A2B4

 FFBDD0

 FFD9EC

 FFF5FF

 5B2538

 5B2538

■ 5B1C32

■ 5B2E3E

■ 5B132C

■ 5B3744

■ 5B0A26

■ 5B404A

■ 5B0120

■ 5B4950

■ 5B0020

■ 5B5355

■ 5B5C5B

■ 5B6561

■ 5B6E67

■ 5B776D

# Harmonies

## Analogous

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



502A4C



5B2538



5B2724

# Triad

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



5B2538



2E3C12



003E5A

# Complementary

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



5B2538



255B48

# 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.



00414B



5B2538



123F22

# Square

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



5B2538



42360C



004136



06395F

# Rectangle

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



5B2538



562C19



004136



003F56



# Sweetspot

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



5B2538



756068



47255B



3B2E32



BABABA



3B3B3B



# Same Dimension

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



5B2538



75223F



5B2C25



2E292B



6E0027



ED0053



# Inverse Universe

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



5B2538



75223F



25545B



2E292B



6E0027

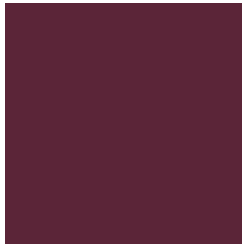


ED0053



# Previews

## White Background



This preview shows how the Hex color 5B2538 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

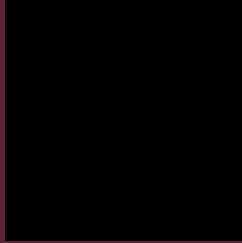
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B2538 Background



This preview shows how black text looks on a background with the Hex color 5B2538.



This preview shows how white text looks on a background with the Hex color 5B2538.

# 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**  
5B2538

**Protanopia**  
363843

**Deuteranopia**  
3E3635



**Tritanopia**  
5A282A

# Trichromacy



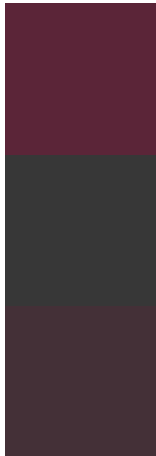
**Original Color**  
5B2538

**Protanomaly**  
43313F

**Deuteranomaly**  
493036

**Tritanomaly**  
5A272F

# Monochromacy



**Original Color**  
5B2538

**Achromatopsia**  
373737

**Achromatomaly**  
443037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2538 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 #5B2538 looks like.

```
.text, #text, p{  
    color:#5B2538  
}
```

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 #5B2538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2538
}
```

## Border

The CSS property to change the border of an element to Hex 5B2538 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
#5B2538 }
```

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

```
.border{ border-color:#5B2538 }
```

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

Here you see how a box with a 4 pixel #5B2538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2538; -webkit-box-shadow:4px 4px  
4px 4px #5B2538; box-shadow:4px 4px 4px  
4px #5B2538 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2538 }
```

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

```
.background{ background-color:#5B2538 }
```

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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