

# Converting Colors

Hex(51262A)

Have a look what the booklet for  
Hex(51262A) contains.

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**Color**

**Hex(51262A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51262A
RGB	81, 38, 42
RGB Percent	32%, 15%, 16%
CMY	0.6824, 0.8510, 0.8353
CMYK	0.00, 0.53, 0.48, 0.68
HSL	354°, 36%, 23%
HSV	354°, 53%, 32%
XYZ	4.5044, 3.3027, 2.5906
YIQ	51.3130, 24.3440, 10.3600

# Conversions

## Conversions Part 2

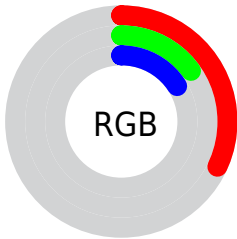
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 38, 42
Decimal	5318186
CIELab	21.22, 20.52, 6.65
CIELCh	21, 21.569, 17.945
Yxy	3.3027, 0.4332, 0.3176
Android (android.graphics.Color)	4283508266 (0xFF51262A)
YUV	51.3130, -4.5913, 26.0355
Hunter-Lab	18.1734, 12.4387, 4.2697

# Details

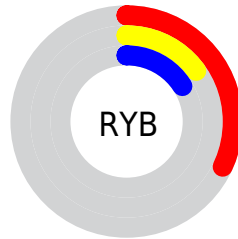
The Hex color **51262A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26514D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **845457**, and **250000** is the 20% darker color. If you saturate the color by 10%, you get **511E23**, and if you desaturate by 10%, it is **512E31**.

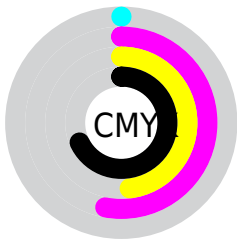
# Distribution



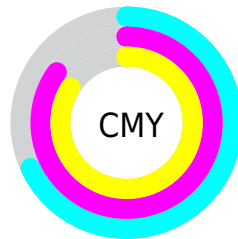
- Red (32%)
- Green (15%)
- Blue (16%)



- Red (32%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (48%)
- Black (68%)




- Cyan (68%)
- Magenta (85%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 51262A 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 51262A by changing the saturation by 10% instead.



 51262A

 51262A

FFFFFF

 391016

 845457

 250000

 9F6D70

 000000


 BB8689


 D7A1A3

 F4BCBE

 FFD8DA

 FFF4F6

 51262A

 51262A

■ 511E23

■ 512E31

■ 51161B

■ 513639

■ 510E14

■ 513E40

■ 51060D

■ 514647

■ 510008

■ 514E4F

■ 515756

■ 515F5D

■ 516765

■ 516F6C

# Harmonies

## Analogous

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



4D263A



51262A



4D2A1C

# Triad

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



51262A



21391D



023652

# Complementary

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



51262A



26514D

# 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.



003A4A



51262A



053B2C

# Square

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



51262A



333514



003B3C



2A3151

# Rectangle

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



51262A



462E15



003B3C



003850



# Sweetspot

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



51262A



695859



4D2651



362B2C



B5B5B5



363636



# Same Dimension

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



51262A



69262C



513726



292525



69000A



E80016



# Inverse Universe

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



51262A



69262C



264051



292525



69000A

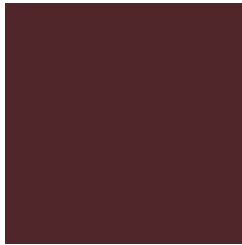


E80016



# Previews

## White Background



This preview shows how the Hex color 51262A looks on a white background.

## Color Contrast Check

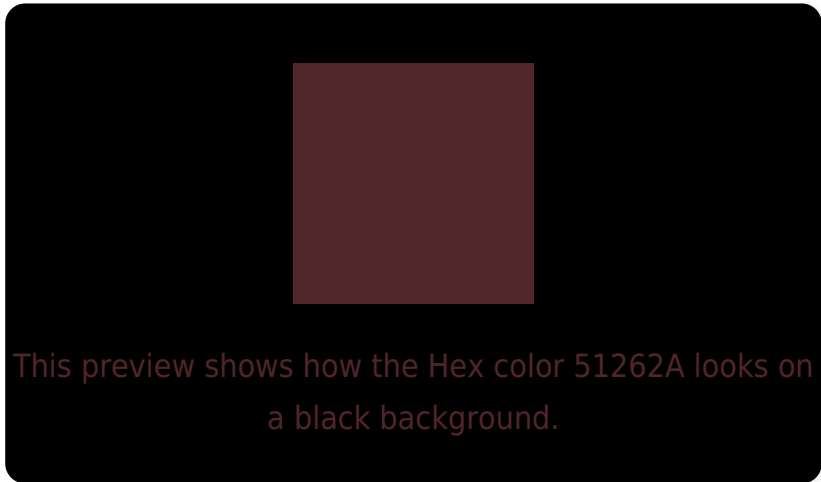
Large Text (above 18pt) WCAG AA ✓ Pass

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

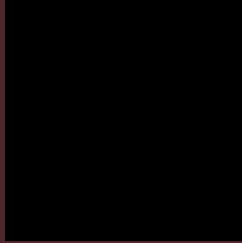
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51262A Background



This preview shows how black text looks on a background with the Hex color 51262A.

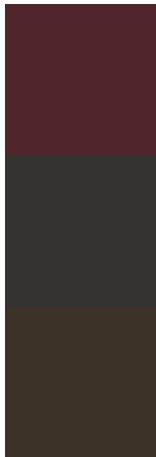


This preview shows how white text looks on a background with the Hex color 51262A.

# 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**  
51262A

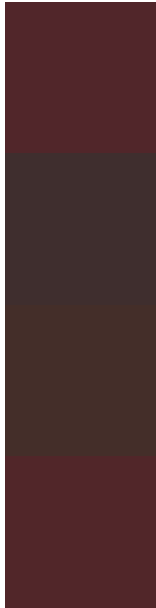
**Protanopia**  
353331

**Deuteranopia**  
3D3228



**Tritanopia**  
512629

# Trichromacy



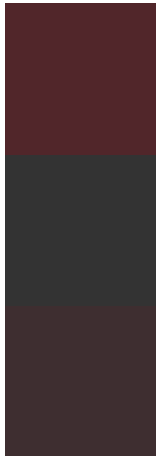
**Original Color**  
51262A

**Protanomaly**  
3F2E2E

**Deuteranomaly**  
442E29

**Tritanomaly**  
512629

# Monochromacy



**Original Color**  
51262A

**Achromatopsia**  
333333

**Achromatomaly**  
3E2E30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51262A 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 #51262A looks like.

```
.text, #text, p{  
    color:#51262A  
}
```

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 #51262A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51262A
}
```

## Border

The CSS property to change the border of an element to Hex 51262A 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".

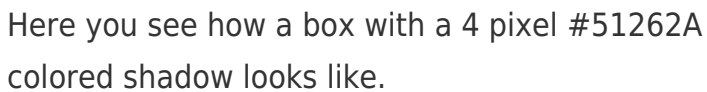
```
.border, #border, table{ border:4px solid
#51262A }
```

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

```
.border{ border-color:#51262A }
```

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

Here you see how a box with a 4 pixel #51262A 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51262A; -webkit-box-shadow:4px 4px  
4px 4px #51262A; box-shadow:4px 4px 4px  
4px #51262A }
```

# Background

The CSS property to change the background color of an element to Hex 51262A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51262A }
```

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

```
.background{ background-color:#51262A }
```

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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