

# Converting Colors

Hex(512C30)

Have a look what the booklet for  
Hex(512C30) contains.

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# Color

**Hex(512C30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	512C30
RGB	81, 44, 48
RGB Percent	32%, 17%, 19%
CMY	0.6824, 0.8275, 0.8118
CMYK	0.00, 0.46, 0.41, 0.68
HSL	354°, 30%, 25%
HSV	354°, 46%, 32%
XYZ	4.8275, 3.7641, 3.2684
YIQ	55.5190, 20.7680, 9.0880

# Conversions

## Conversions Part 2

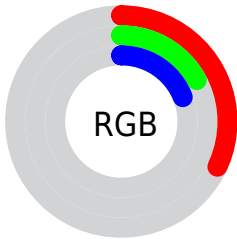
Format	Color
<a href="#">RYB</a>	<a href="#">81, 44, 48</a>
Decimal	<a href="#">5319728</a>
CIELab	<a href="#">22.88, 17.60, 4.87</a>
CIELCh	<a href="#">23, 18.261, 15.468</a>
Yxy	<a href="#">3.7641, 0.4070, 0.3174</a>
Android (android.graphics.Color)	<a href="#">4283509808 (0xFF512C30)</a>
YUV	<a href="#">55.5190, -3.7069, 22.3468</a>
Hunter-Lab	<a href="#">19.4013, 10.4630, 3.5927</a>

# Details

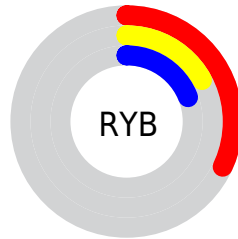
The Hex color **512C30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C514D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **845A5E**, and **250000** is the 20% darker color. If you saturate the color by 10%, you get **512429**, and if you desaturate by 10%, it is **513437**.

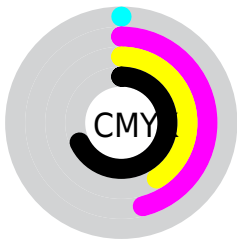
# Distribution



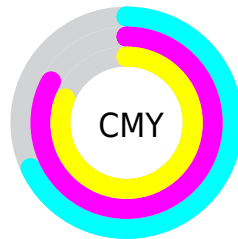
- Red (32%)
- Green (17%)
- Blue (19%)



- Red (32%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (46%)
- Yellow (41%)
- Black (68%)




- Cyan (68%)
- Magenta (83%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 512C30 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 512C30 by changing the saturation by 10% instead.



 512C30

 512C30

FFFFFF

 39171B

 845A5E

 250000

 9F7377

 000000


 BA8D90

 D6A7AB

 F3C3C6

 FFDFE2

 FFFBFF

 512C30

 512C30

■ 512429

■ 513437

■ 511C22

■ 513C3E

■ 51141A

■ 514446

■ 510C13

■ 514C4D

■ 51030C

■ 515554

■ 510009

■ 515D5B

■ 516563

■ 516D6A

■ 517571

# Harmonies

## Analogous

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



4D2D3E



512C30



4E2F24

# Triad

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



512C30



293B23



153A51

# Complementary

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



512C30



2C514D

# 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.



003D4A



512C30



173D2F

# Square

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



512C30



38381C



003E3D



2E3651

# Rectangle

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



512C30



49321E



003E3D



0B3B4F



# Sweetspot

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



512C30



695A5B



4D2C51



362C2D



B5B5B5



363636



# Same Dimension

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



512C30



692F35



513A2C



292525



69000B



E80019



# Inverse Universe

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



512C30



692F35



2C4351



292525



69000B

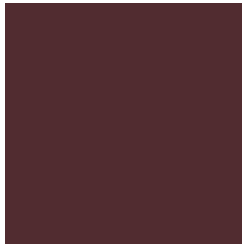


E80019



# Previews

## White Background



This preview shows how the Hex color 512C30 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 512C30 Background



This preview shows how black text looks on a background with the Hex color 512C30.

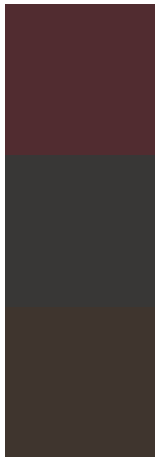


This preview shows how white text looks on a background with the Hex color 512C30.

# 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**  
512C30

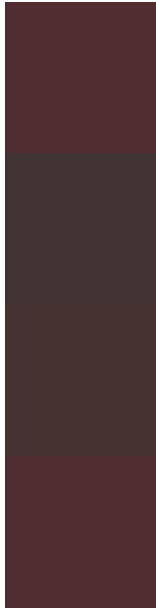
**Protanopia**  
383736

**Deuteranopia**  
3F352E



**Tritanopia**  
512C2F

# Trichromacy



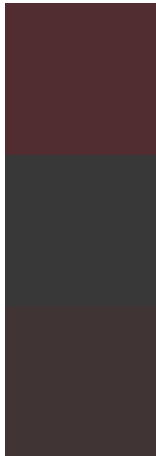
**Original Color**  
512C30

**Protanomaly**  
413334

**Deuteranomaly**  
46322F

**Tritanomaly**  
512C2F

# Monochromacy



**Original Color**  
512C30

**Achromatopsia**  
383838

**Achromatomaly**  
413435

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 512C30 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 #512C30 looks like.

```
.text, #text, p{  
    color:#512C30  
}
```

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 #512C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512C30
}
```

## Border

The CSS property to change the border of an element to Hex 512C30 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".

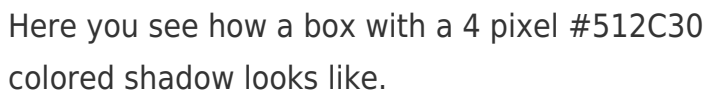
```
.border, #border, table{ border:4px solid
#512C30 }
```

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

```
.border{ border-color:#512C30 }
```

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

Here you see how a box with a 4 pixel #512C30 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 #512C30; -webkit-box-shadow:4px 4px  
4px 4px #512C30; box-shadow:4px 4px 4px  
4px #512C30 }
```

# Background

The CSS property to change the background color of an element to Hex 512C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512C30 }
```

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

```
.background{ background-color:#512C30 }
```

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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