

# Converting Colors

Hex(512F59)

Have a look what the booklet for  
Hex(512F59) contains.

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# Color

**Hex(512F59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	512F59
RGB	81, 47, 89
RGB Percent	32%, 18%, 35%
CMY	0.6824, 0.8157, 0.6510
CMYK	0.09, 0.47, 0.00, 0.65
HSL	289°, 31%, 27%
HSV	289°, 47%, 35%
XYZ	6.2130, 4.5036, 9.9930
YIQ	61.9540, 6.7820, 20.2700

# Conversions

## Conversions Part 2

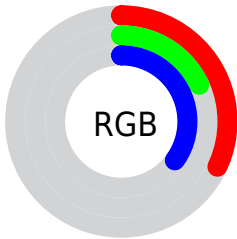
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 47, 89
Decimal	5320537
CIE Lab	25.27, 23.52, -19.06
CIE LCh	25, 30.274, 320.986
Yxy	4.5036, 0.3000, 0.2175
Android (android.graphics.Color)	4283510617 (0xFF512F59)
YUV	61.9540, 13.3337, 16.7033
Hunter-Lab	21.2218, 15.1208, -13.0636

# Details

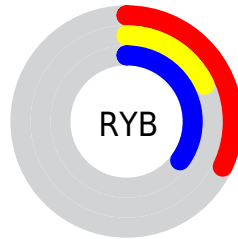
The Hex color **512F59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **37592F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **835E8B**, and **23022B** is the 20% darker color. If you saturate the color by 10%, you get **4F2659**, and if you desaturate by 10%, it is **533859**.

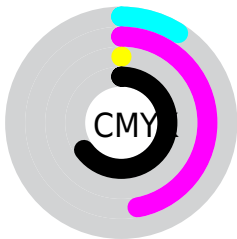
# Distribution



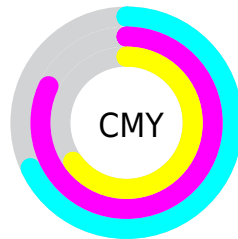
- Red (32%)
- Green (18%)
- Blue (35%)



- Red (32%)
- Yellow (18%)
- Blue (35%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (65%)



- Cyan (68%)
- Magenta (82%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 512F59 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 512F59 by changing the saturation by 10% instead.



■ 512F59

■ 512F59

FFFFFF

■ 391941

■ 835E8B

■ 23022B

■ 9E77A6

■ 000016

■ B991C1

■ 000000

■ D5ACDD

■ F1C7F9

■ FFE3FF

■ 512F59

■ 512F59

■ 4F2659

■ 533859

■ 4E1D59

■ 544159

■ 4C1459

■ 564A59

■ 4A0B59

■ 585359

■ 490359

■ 595B59

■ 480059

■ 5B6459

■ 5D6D59

■ 5F7659

■ 607F59

# Harmonies

## Analogous

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



303967



512F59



622844

# Triad

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



512F59



4E380B



00474C

# Complementary

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



512F59



37592F

# 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.



004734



512F59



39400D

# Square

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



512F59



5E2F19



1C441E



00455F

# Rectangle

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



512F59



662734



1C441E



004744



# Sweetspot

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



512F59



706373



2F3759



39313B



BABABA



3B3B3B



# Same Dimension

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



512F59



663173



592F4C



2B272B



57006B



BE00EB



# Inverse Universe

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



592F37



73313E



2F593C



2B2728



6B0014



EB002D



# Previews

## White Background



This preview shows how the Hex color 512F59 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

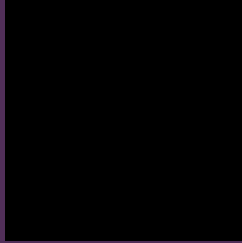
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 512F59 Background



This preview shows how black text looks on a background with the Hex color 512F59.



This preview shows how white text looks on a background with the Hex color 512F59.

# 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](#).

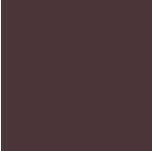
## Dichromacy



**Original Color**  
512F59

**Protanopia**  
2C3B63

**Deuteranopia**  
323C57



**Tritanopia**  
4D363A

# Trichromacy



**Original Color**  
512F59

**Protanomaly**  
39375F

**Deuteranomaly**  
3D3758

**Tritanomaly**  
4E3345

# Monochromacy



**Original Color**  
512F59

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
453948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 512F59 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 #512F59 looks like.

```
.text, #text, p{  
    color:#512F59  
}
```

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 #512F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512F59  
}
```

## Border

The CSS property to change the border of an element to Hex 512F59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

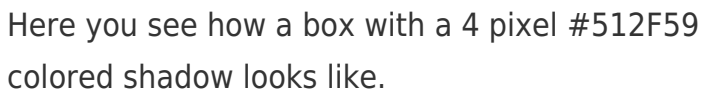
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#512F59 }
```

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

```
.border{ border-color:#512F59 }
```

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



Here you see how a box with a 4 pixel #512F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512F59; -webkit-box-shadow:4px 4px  
4px 4px #512F59; box-shadow:4px 4px 4px  
4px #512F59 }
```

# Background

The CSS property to change the background color of an element to Hex 512F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512F59 }
```

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

```
.background{ background-color:#512F59 }
```

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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