

Converting Colors

Hex(512D5A)

Have a look what the booklet for
Hex(512D5A) contains.

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Color

Hex(512D5A)

Conversions

Conversions Part 1

Format	Color
Hex	512D5A
RGB	81, 45, 90
RGB Percent	32%, 18%, 35%
CMY	0.6824, 0.8235, 0.6471
CMYK	0.10, 0.50, 0.00, 0.65
HSL	288°, 33%, 26%
HSV	288°, 50%, 35%
XYZ	6.1772, 4.3643, 10.1897
YIQ	60.8940, 7.0110, 21.6270

Conversions

Conversions Part 2

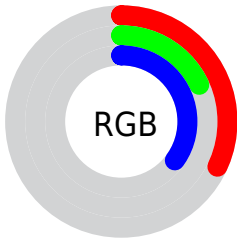
Format	Color
R_{YB}	81, 45, 90
Decimal	5320026
CIE _{Lab}	24.84, 24.99, -20.39
CIE _{LCh}	25, 32.250, 320.791
Yxy	4.3643, 0.2980, 0.2105
Android (android.graphics.Color)	4283510106 (0xFF512D5A)
YUV	60.8940, 14.3493, 17.6330
Hunter-Lab	20.8909, 16.2213, -14.2955

Details

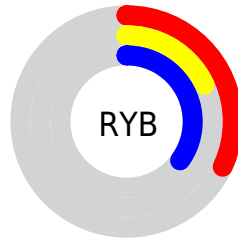
The Hex color **512D5A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **365A2D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **835C8C**, and **23002C** is the 20% darker color. If you saturate the color by 10%, you get **4F245A**, and if you desaturate by 10%, it is **53365A**.

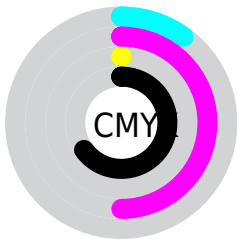
Distribution



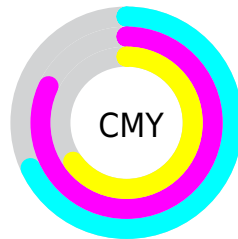
- Red (32%)
- Green (18%)
- Blue (35%)



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



- Cyan (10%)
- Magenta (50%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 512D5A 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 512D5A by changing the saturation by 10% instead.

■ 512D5A

■ 512D5A

FFFFFF

■ 391742

■ 835C8C

■ 23002C

■ 9E75A7

■ 000017

■ B98FC2

■ 000000

■ D5AADE

■ F2C5FB

■ FFE1FF

■ FFFEFF

■ 512D5A

■ 512D5A

■ 4F245A

■ 53365A

■ 4D1B5A

■ 553F5A

■ 4C125A

■ 56485A

■ 4A095A

■ 58515A

■ 48005A

■ 5A5A5A

■ 5C635A

■ 5E6C5A

■ 5F755A

■ 617E5A

Harmonies

Analogous

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



2D3869



512D5A



632544

Triad

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



512D5A



4E3706



00464C

Complementary

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



512D5A



365A2D

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.



004632



512D5A



373F08

Square

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



512D5A



5F2D16



18441A



004560

Rectangle

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



512D5A



672433



18441A



004743

Sweetspot

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



512D5A



726475



2D365A



39303B



BABABA



3B3B3B

Same Dimension

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



512D5A



672F75



5A2D4D



2D292E



58006E



BE00ED

Inverse Universe

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



5A2D36



752F3D



2D5A3B



2E292A



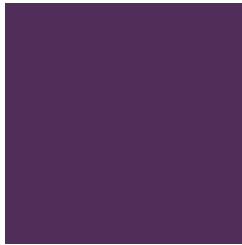
6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 512D5A 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

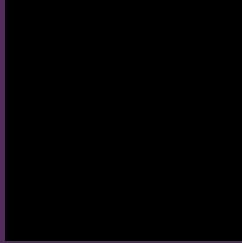
Any Text WCAG AA × Fail

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 512D5A Background



This preview shows how black text looks on a background with the Hex color 512D5A.



This preview shows how white text looks on a background with the Hex color 512D5A.

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](#).

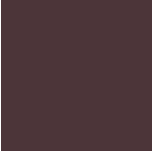
Dichromacy



Original Color
512D5A

Protanopia
293A66

Deuteranopia
303B57



Tritanopia
4C3539

Trichromacy



Original Color
512D5A

Protanomaly
383562

Deuteranomaly
3C3658

Tritanomaly
4E3245

Monochromacy



Original Color
512D5A

Achromatopsia
3D3D3D

Achromatomaly
443748

CSS Examples

Text

The CSS property to change the color of the text to Hex 512D5A 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 #512D5A looks like.

```
.text, #text, p{  
    color:#512D5A  
}
```

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 #512D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512D5A
}
```

Border

The CSS property to change the border of an element to Hex 512D5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

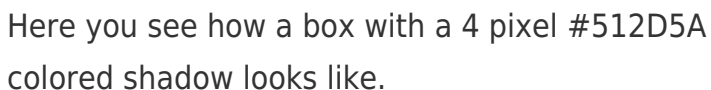
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#512D5A }
```

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

```
.border{ border-color:#512D5A }
```

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



Here you see how a box with a 4 pixel #512D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512D5A; -webkit-box-shadow:4px 4px  
4px 4px #512D5A; box-shadow:4px 4px 4px  
4px #512D5A }
```

Background

The CSS property to change the background color of an element to Hex 512D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512D5A }
```

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

```
.background{ background-color:#512D5A }
```

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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