

Converting Colors

Hex(512865)

Have a look what the booklet for
Hex(512865) contains.

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Color

Hex(512865)

Conversions

Conversions Part 1

Format	Color
Hex	512865
RGB	81, 40, 101
RGB Percent	32%, 16%, 40%
CMY	0.6824, 0.8431, 0.6039
CMYK	0.20, 0.60, 0.00, 0.60
HSL	280°, 43%, 28%
HSV	280°, 60%, 40%
XYZ	6.5011, 4.2065, 12.7812
YIQ	59.2130, 4.8550, 27.6630

Conversions

Conversions Part 2

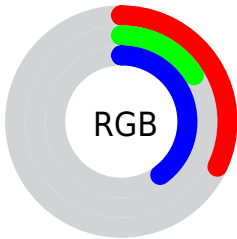
Format	Color
R_{YB}	81, 40, 101
Decimal	5318757
CIE _{Lab}	24.34, 30.59, -28.37
CIE _{LCh}	24, 41.721, 317.156
Yxy	4.2065, 0.2768, 0.1791
Android (android.graphics.Color)	4283508837 (0xFF512865)
YUV	59.2130, 20.6010, 19.1072
Hunter-Lab	20.5098, 20.6881, -22.5913

Details

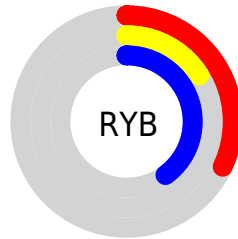
The Hex color **512865** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C6528**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **845798**, and **220036** is the 20% darker color. If you saturate the color by 10%, you get **4E1E65**, and if you desaturate by 10%, it is **543265**.

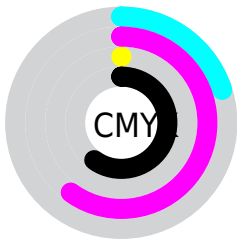
Distribution



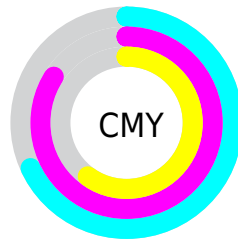
- Red (32%)
- Green (16%)
- Blue (40%)



- Red (32%)
- Yellow (16%)
- Blue (40%)



- Cyan (20%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)




- Cyan (68%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512865 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 512865 by changing the saturation by 10% instead.

 512865

 512865

FFFFFF

 39114D

 845798

 220036

 9F70B3

 000020

 BA8ACF

 000003


 D6A5EB

 000000

 F3C0FF

 FFDCFF

 FFF9FF

 512865

 512865

■ 4E1E65

■ 543265

■ 4A1465

■ 583C65

■ 470A65

■ 5B4665

■ 440065

■ 5E5065

■ 625B65

■ 656565

■ 686F65

■ 6B7965

■ 6F8365

Harmonies

Analogous

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



113776



512865



6A1849

Triad

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



512865



533300



00484C

Complementary

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



512865



3C6528

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.



00472B



512865



373E00

Square

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



512865



67250B



0A4409



004668

Rectangle

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



512865



701434



0A4409



004841

Sweetspot

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



512865



7A6B82



283C65



3E3442



C2C2C2



424242

Same Dimension

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



512865



632482



65285B



312E33



4D0073



A300F2

Inverse Universe

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



65283C



822443



286532



332E30



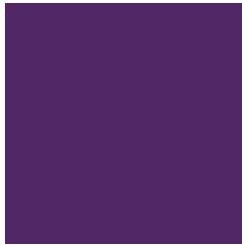
730026



F2004F

Previews

White Background



This preview shows how the Hex color 512865 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

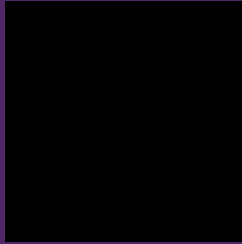
Any Text WCAG AA × Fail

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 512865 Background



This preview shows how black text looks on a background with the Hex color 512865.

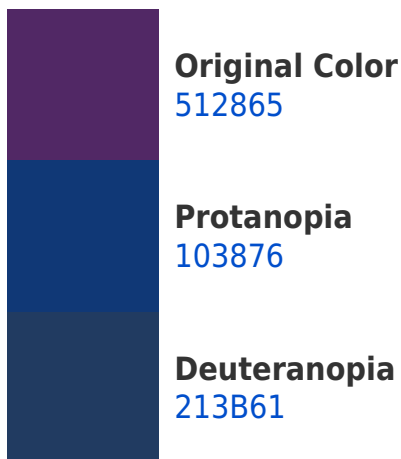


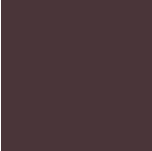
This preview shows how white text looks on a background with the Hex color 512865.

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





Tritanopia
4A3539

Trichromacy



Original Color
512865

Protanomaly
283270

Deuteranomaly
323462

Tritanomaly
4D3049

Monochromacy



Original Color
512865

Achromatopsia
3B3B3B

Achromatomaly
43344A

CSS Examples

Text

The CSS property to change the color of the text to Hex 512865 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 #512865 looks like.

```
.text, #text, p{  
    color:#512865  
}
```

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 #512865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512865
}
```

Border

The CSS property to change the border of an element to Hex 512865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

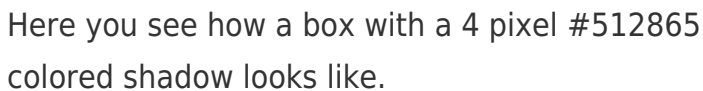
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#512865 }
```

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

```
.border{ border-color:#512865 }
```

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



Here you see how a box with a 4 pixel #512865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512865; -webkit-box-shadow:4px 4px  
4px 4px #512865; box-shadow:4px 4px 4px  
4px #512865 }
```

Background

The CSS property to change the background color of an element to Hex 512865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512865 }
```

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

```
.background{ background-color:#512865 }
```

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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