

Converting Colors

Hex(512346)

Have a look what the booklet for
Hex(512346) contains.

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Color

Hex(512346)

Conversions

Conversions Part 1

Format	Color
Hex	512346
RGB	81, 35, 70
RGB Percent	32%, 14%, 27%
CMY	0.6824, 0.8627, 0.7255
CMYK	0.00, 0.57, 0.14, 0.68
HSL	314°, 40%, 23%
HSV	314°, 57%, 32%
XYZ	5.0999, 3.3936, 6.1806
YIQ	52.7440, 16.1810, 20.6370

Conversions

Conversions Part 2

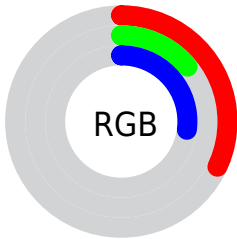
Format	Color
RYB	81, 35, 70
Decimal	5317446
CIELab	21.56, 26.71, -12.11
CIElCh	22, 29.326, 335.606
Yxy	3.3936, 0.3475, 0.2313
Android (android.graphics.Color)	4283507526 (0xFF512346)
YUV	52.7440, 8.5072, 24.7805
Hunter-Lab	18.4217, 17.1779, -6.9969

Details

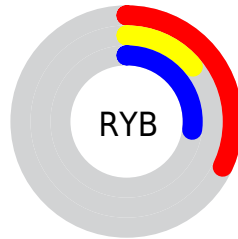
The Hex color **512346** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **23512E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **845276**, and **25001B** is the 20% darker color. If you saturate the color by 10%, you get **511B44**, and if you desaturate by 10%, it is **512B48**.

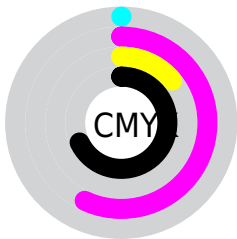
Distribution



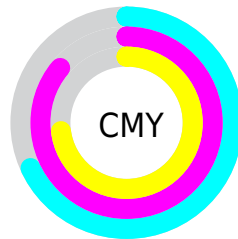
- Red (32%)
- Green (14%)
- Blue (27%)



- Red (32%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (14%)
- Black (68%)



- Cyan (68%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512346 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 512346 by changing the saturation by 10% instead.

■ 512346

■ 512346

FFFFFF

■ 390C30

■ 845276

■ 25001B

■ 9E6B90

■ 000000

■ BA84AB

■ D69FC6


■ F2BAE2

■ FFD6FF


■ FFF2FF


■ 512346

■ 512346

 511B44

 512B48

 511342

 51334A

 510B40


 513B4C


 51033E

 51434E

 51003E

 514C50

 515452

 515C54

 516455

 516C57

Harmonies

Analogous

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



3A2C57



512346



5B1F30

Triad

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



512346



3B3402



003D4C

Complementary

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



512346



23512E

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.



003E37



512346



243A0E

Square

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



512346



4D2C0A



003D21



003B5B

Rectangle

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



512346



5A2122



003D21



003E46

Sweetspot

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



512346



695764



2E2351



362B33



B5B5B5



363636

Same Dimension

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



512346



692158



51232F



292528



690050



E800B1

Inverse Universe

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



512346



692158



235145



292528



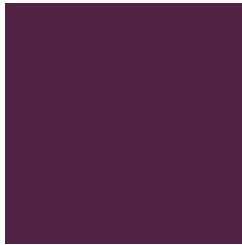
690050



E800B1

Previews

White Background



This preview shows how the Hex color 512346 looks on a white background.

Color Contrast Check

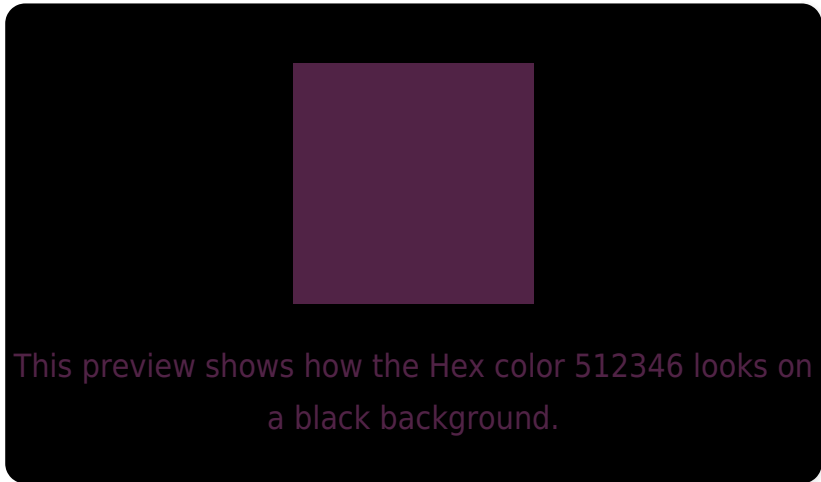
Large Text (above 18pt) WCAG AA ✓ Pass

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

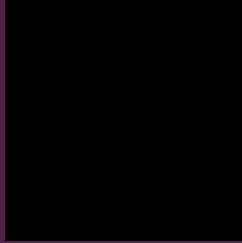
Any Text WCAG AA × Fail

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 512346 Background



This preview shows how black text looks on a background with the Hex color 512346.



This preview shows how white text looks on a background with the Hex color 512346.

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
512346

Protanopia
293453

Deuteranopia
323443



Tritanopia
4E292C

Trichromacy



Original Color
512346

Protanomaly
382E4E

Deuteranomaly
3D2E44

Tritanomaly
4F2735

Monochromacy



Original Color
512346

Achromatopsia
353535

Achromatomaly
3F2E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 512346 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 #512346 looks like.

```
.text, #text, p{  
    color:#512346  
}
```

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 #512346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512346
}
```

Border

The CSS property to change the border of an element to Hex 512346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

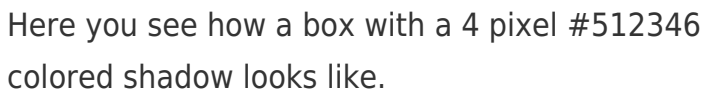
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#512346 }
```

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

```
.border{ border-color:#512346 }
```

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



Here you see how a box with a 4 pixel #512346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512346; -webkit-box-shadow:4px 4px  
4px 4px #512346; box-shadow:4px 4px 4px  
4px #512346 }
```

Background

The CSS property to change the background color of an element to Hex 512346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512346 }
```

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

```
.background{ background-color:#512346 }
```

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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