

Converting Colors

Hex(522766)

Have a look what the booklet for
Hex(522766) contains.

Hex(522766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(522766)

Conversions

Conversions Part 1

Format	Color
Hex	522766
RGB	82, 39, 102
RGB Percent	32%, 15%, 40%
CMY	0.6784, 0.8471, 0.6000
CMYK	0.20, 0.62, 0.00, 0.60
HSL	281°, 45%, 28%
HSV	281°, 62%, 40%
XYZ	6.6035, 4.2042, 13.0338
YIQ	59.0390, 5.4050, 28.7090

Conversions

Conversions Part 2

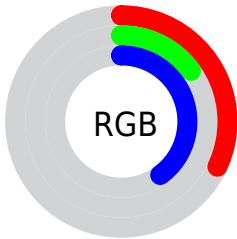
Format	Color
R_{YB}	82, 39, 102
Decimal	5384038
CIE _{Lab}	24.34, 31.69, -29.02
CIE _{LCh}	24, 42.972, 317.514
Yxy	4.2042, 0.2770, 0.1763
Android (android.graphics.Color)	4283574118 (0xFF522766)
YUV	59.0390, 21.1798, 20.1368
Hunter-Lab	20.5041, 21.6048, -23.3359

Details

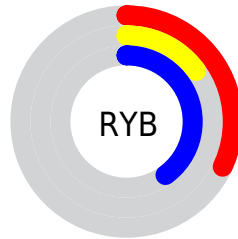
The Hex color **522766** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B6627**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **855799**, and **230037** is the 20% darker color. If you saturate the color by 10%, you get **4F1D66**, and if you desaturate by 10%, it is **553166**.

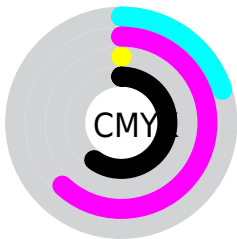
Distribution



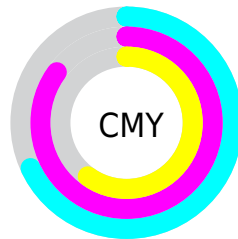
- Red (32%)
- Green (15%)
- Blue (40%)



- Red (32%)
- Yellow (15%)
- Blue (40%)



- Cyan (20%)
- Magenta (62%)
- Yellow (0%)
- Black (60%)



- Cyan (68%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 522766 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 522766 by changing the saturation by 10% instead.

■ 522766

■ 522766

FFFFFF

■ 3A104E

■ 855799

■ 230037

■ A070B4

■ 000021

■ BC89D0

■ 000005

■ D8A4EC

■ 000000

■ F5BFFF

■ FFDCFF

■ FFF8FF

■ 522766

■ 522766

■ 4F1D66

■ 553166

■ 4C1366

■ 583B66

■ 480866

■ 5C4666

■ 460066

■ 5F5066

■ 625A66

■ 656466

■ 696E66

■ 6C7966

■ 6F8366

Harmonies

Analogous

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



0E3778



522766



6C1549

Triad

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



522766



533300



00484C

Complementary

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



522766



3B6627

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



522766



373E00

Square

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



522766



682408



064407



004769

Rectangle

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



522766



721133



064407



004841

Sweetspot

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



522766



7D6B85



273C66



3D3342



C2C2C2



424242

Same Dimension

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



522766



652285



66275B



312E33



4E0073



A500F2

Inverse Universe

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



66273B



852242



276631



332E30



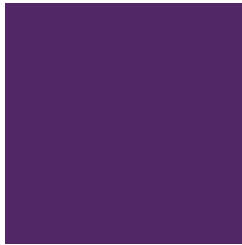
730024



F2004D

Previews

White Background



This preview shows how the Hex color 522766 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

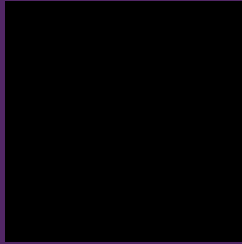
Any Text WCAG AA × Fail

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 522766 Background



This preview shows how black text looks on a background with the Hex color 522766.



This preview shows how white text looks on a background with the Hex color 522766.

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](#).

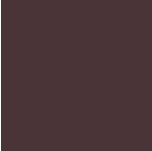
Dichromacy



Original Color
522766

Protanopia
063878

Deuteranopia
1F3B62



Tritanopia
4B3438

Trichromacy



Original Color
522766

Protanomaly
223271

Deuteranomaly
323463

Tritanomaly
4E2F49

Monochromacy



Original Color
522766

Achromatopsia
3B3B3B

Achromatomaly
43344B

CSS Examples

Text

The CSS property to change the color of the text to Hex 522766 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 #522766 looks like.

```
.text, #text, p{  
    color:#522766  
}
```

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 #522766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522766
}
```

Border

The CSS property to change the border of an element to Hex 522766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

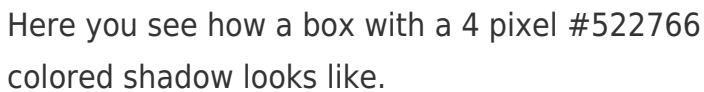
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#522766 }
```

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

```
.border{ border-color:#522766 }
```

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



Here you see how a box with a 4 pixel #522766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522766; -webkit-box-shadow:4px 4px  
4px 4px #522766; box-shadow:4px 4px 4px  
4px #522766 }
```

Background

The CSS property to change the background color of an element to Hex 522766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522766 }
```

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

```
.background{ background-color:#522766 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor