

Converting Colors

Hex(522E97)

Have a look what the booklet for
Hex(522E97) contains.

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Color

Hex(522E97)

Conversions

Conversions Part 1

Format	Color
Hex	522E97
RGB	82, 46, 151
RGB Percent	32%, 18%, 59%
CMY	0.6784, 0.8196, 0.4078
CMYK	0.46, 0.70, 0.00, 0.41
HSL	261°, 53%, 39%
HSV	261°, 70%, 59%
XYZ	10.0426, 5.9822, 29.9035
YIQ	68.7340, -12.2490, 40.2870

Conversions

Conversions Part 2

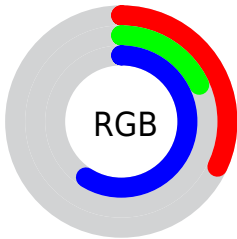
Format	Color
R_{YB}	82, 46, 151
Decimal	5385879
CIE _{Lab}	29.37, 40.83, -51.78
CIE _{LCh}	29, 65.942, 308.254
Yxy	5.9822, 0.2187, 0.1303
Android (android.graphics.Color)	4283575959 (0xFF522E97)
YUV	68.7340, 40.5571, 11.6343
Hunter-Lab	24.4585, 30.4891, -55.3683

Details

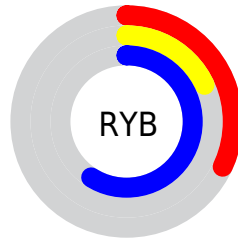
The Hex color **522E97** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **73972E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **895FCE**, and **160063** is the 20% darker color. If you saturate the color by 10%, you get **481F97**, and if you desaturate by 10%, it is **5C3D97**.

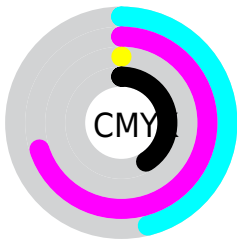
Distribution



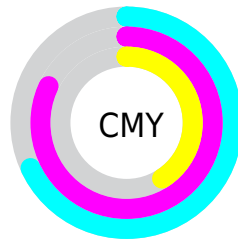
- Red (32%)
- Green (18%)
- Blue (59%)



- Red (32%)
- Yellow (18%)
- Blue (59%)



- Cyan (46%)
- Magenta (70%)
- Yellow (0%)
- Black (41%)



- Cyan (68%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 522E97 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 522E97 by changing the saturation by 10% instead.

 522E97

 522E97

FFFFFF

 36167D

 895FCE

 160063

 A578EB

 00004B

 C192FF

 000433

 DEADFF

 00021D

 FCC9FF

 000000

 FFE5FF

 522E97

 522E97

 481F97

 5C3D97

■ 3E1097

■ 664C97

■ 340197

■ 705B97

■ 340097

■ 7A6A97

■ 847A97

■ 8E8997

■ 979897

■ A1A797

■ ABB697

Harmonies

Analogous

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



0048AD



522E97



89006C

Triad

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



522E97



733400



005953

Complementary

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



522E97



73972E

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.



00571B



522E97



494800

Square

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



522E97



900305



005200



005984

Rectangle

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



522E97



98004B



005200



005841

Sweetspot

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



522E97



A99BC4



2E7497



534B63



E3E3E3



636363

Same Dimension

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



522E97



5921C4



862E97



47454D



30008C



04000D

Inverse Universe

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



972E73



C4218C



3F972E



4D454A



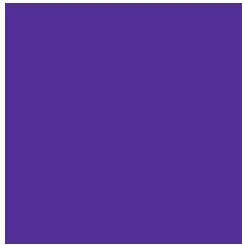
8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 522E97 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

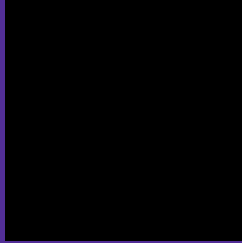
Any Text WCAG AA × Fail

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 522E97 Background



This preview shows how black text looks on a background with the Hex color 522E97.

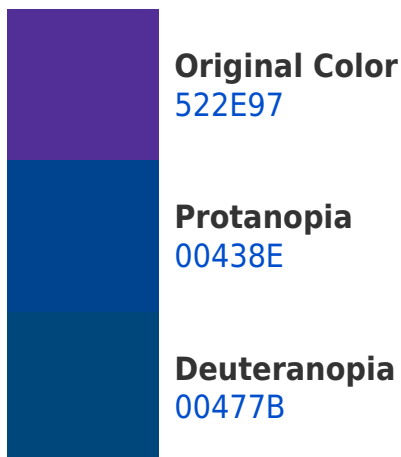


This preview shows how white text looks on a background with the Hex color 522E97.

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
3F474C

Trichromacy



Original Color
522E97



Protanomaly
1E3B91



Deuteranomaly
1E3E85



Tritanomaly
463E67

Monochromacy



Original Color
522E97



Achromatopsia
454545



Achromatomaly
4A3D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 522E97 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 #522E97 looks like.

```
.text, #text, p{  
    color:#522E97  
}
```

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 #522E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522E97
}
```

Border

The CSS property to change the border of an element to Hex 522E97 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
#522E97 }
```

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

```
.border{ border-color:#522E97 }
```

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

Here you see how a box with a 4 pixel #522E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522E97; -webkit-box-shadow:4px 4px  
4px 4px #522E97; box-shadow:4px 4px 4px  
4px #522E97 }
```

Background

The CSS property to change the background color of an element to Hex 522E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522E97 }
```

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

```
.background{ background-color:#522E97 }
```

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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