

Converting Colors

Hex(552E8C)

Have a look what the booklet for
Hex(552E8C) contains.

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Color

Hex(552E8C)

Conversions

Conversions Part 1

Format	Color
Hex	552E8C
RGB	85, 46, 140
RGB Percent	33%, 18%, 55%
CMY	0.6667, 0.8196, 0.4510
CMYK	0.39, 0.67, 0.00, 0.45
HSL	265°, 51%, 36%
HSV	265°, 67%, 55%
XYZ	9.4569, 5.7787, 25.4279
YIQ	68.3770, -6.9300, 37.5020

Conversions

Conversions Part 2

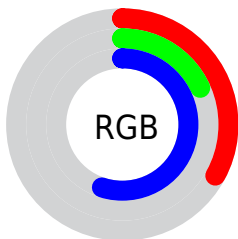
Format	Color
R_{YB}	85, 46, 140
Decimal	5582476
CIE _{Lab}	28.85, 38.38, -45.84
CIE _{LCh}	29, 59.788, 309.940
Yxy	5.7787, 0.2326, 0.1421
Android (android.graphics.Color)	4283772556 (0xFF552E8C)
YUV	68.3770, 35.3101, 14.5784
Hunter-Lab	24.0390, 28.1536, -45.8883

Details

The Hex color **552E8C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **658C2E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8B5EC2**, and **1F0059** is the 20% darker color. If you saturate the color by 10%, you get **4D208C**, and if you desaturate by 10%, it is **5D3C8C**.

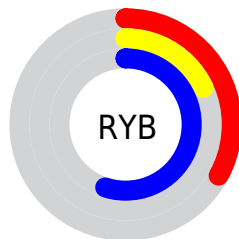
Distribution



Red (33%)

Green (18%)

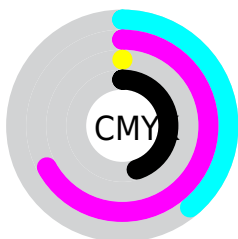
Blue (55%)



Red (33%)

Yellow (18%)

Blue (55%)

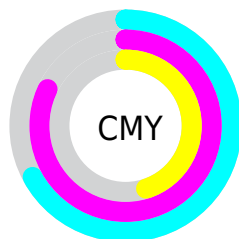


Cyan (39%)

Magenta (67%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (82%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552E8C 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 552E8C by changing the saturation by 10% instead.



552E8C



552E8C

FFFFFF



3A1672



8B5EC2



1F0059



A678DF



060041



C392FB



00032A



DFADFF



000114



FDC9FF



000000



FFE5FF



552E8C



552E8C



4D208C



5D3C8C

■ 45128C

■ 654A8C

■ 3C048C

■ 6E588C

■ 3A008C

■ 76668C

■ 7E748C

■ 86828C

■ 8E908C

■ 979E8C

■ 9FAC8C

Harmonies

Analogous

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



0046A1



552E8C



840065

Triad

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



552E8C



6D3600



005753

Complementary

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



552E8C



658C2E

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.



005522



552E8C



474700

Square

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



552E8C



871608



055000



00567F

Rectangle

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



552E8C



900046



055000



005643

Sweetspot

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



552E8C



A091B5



2E668C



4F465C



DBDBDB



5C5C5C

Same Dimension

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



552E8C



5F22B5



832E8C



413E45



370085



020005

Inverse Universe

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



8C2E65



B52278



378C2E



453E42



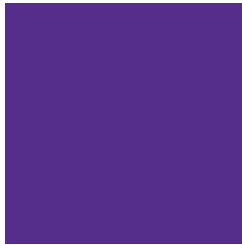
85004E



050003

Previews

White Background



This preview shows how the Hex color 552E8C 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

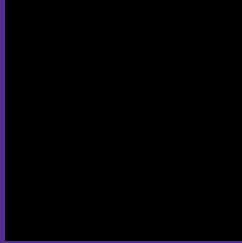
Any Text WCAG AA × Fail

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 552E8C Background



This preview shows how black text looks on a background with the Hex color 552E8C.



This preview shows how white text looks on a background with the Hex color 552E8C.

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
552E8C

Protanopia
00428C

Deuteranopia
00467A



Tritanopia
464349

Trichromacy



Original Color
552E8C

Protanomaly
1F3B8C

Deuteranomaly
1F3D81

Tritanomaly
4B3B61

Monochromacy



Original Color
552E8C

Achromatopsia
444444

Achromatomaly
4A3C5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 552E8C 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 #552E8C looks like.

```
.text, #text, p{  
    color:#552E8C  
}
```

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 #552E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552E8C
}
```

Border

The CSS property to change the border of an element to Hex 552E8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

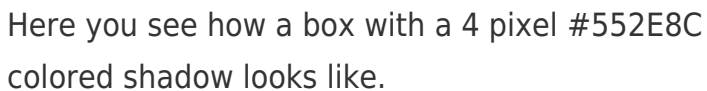
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#552E8C }
```

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

```
.border{ border-color:#552E8C }
```

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



Here you see how a box with a 4 pixel #552E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552E8C; -webkit-box-shadow:4px 4px  
4px 4px #552E8C; box-shadow:4px 4px 4px  
4px #552E8C }
```

Background

The CSS property to change the background color of an element to Hex 552E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552E8C }
```

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

```
.background{ background-color:#552E8C }
```

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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