

Converting Colors

Hex(562860)

Have a look what the booklet for
Hex(562860) contains.

Hex(562860)	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(562860)

Conversions

Conversions Part 1

Format	Color
Hex	562860
RGB	86, 40, 96
RGB Percent	34%, 16%, 38%
CMY	0.6627, 0.8431, 0.6235
CMYK	0.10, 0.58, 0.00, 0.62
HSL	289°, 41%, 27%
HSV	289°, 58%, 38%
XYZ	6.7079, 4.3405, 11.5506
YIQ	60.1380, 9.4400, 27.1680

Conversions

Conversions Part 2

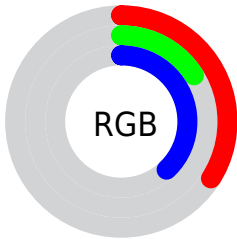
Format	Color
RYB	86, 40, 96
Decimal	5646432
CIELab	24.77, 30.91, -24.39
CIELCh	25, 39.372, 321.722
Yxy	4.3405, 0.2968, 0.1921
Android (android.graphics.Color)	4283836512 (0xFF562860)
YUV	60.1380, 17.6800, 22.6810
Hunter-Lab	20.8340, 21.0117, -18.2873

Details

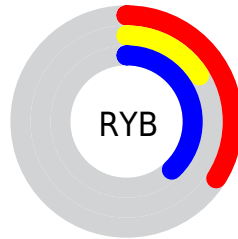
The Hex color **562860** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **326028**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **895893**, and **270031** is the 20% darker color. If you saturate the color by 10%, you get **541E60**, and if you desaturate by 10%, it is **583260**.

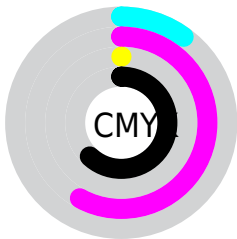
Distribution



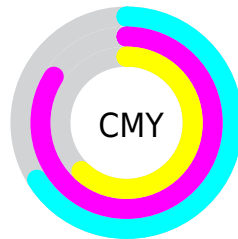
- Red (34%)
- Green (16%)
- Blue (38%)



- Red (34%)
- Yellow (16%)
- Blue (38%)



- Cyan (10%)
- Magenta (58%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (84%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562860 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 562860 by changing the saturation by 10% instead.

 562860

 562860

FFFFFF

 3E1148

 895893

 270031

 A471AE

 04001C

 C08BC9

 000000

 DCA5E5

 F9C1FF

 FFDDFF

 FFFAFF

 562860

 562860

■ 541E60

■ 583260

■ 531560

■ 593B60

■ 510B60

■ 5B4560

■ 4F0260

■ 5D4E60

■ 4F0060

■ 5F5860

■ 606260

■ 626B60

■ 647560

■ 657E60

Harmonies

Analogous

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



273772



562860



6B1B44

Triad

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



562860



4F3700



004850

Complementary

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



562860



326028

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.



004831



562860



344000

Square

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



562860



642A0B



054513



004669

Rectangle

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



562860



6F1A30



054513



004846

Sweetspot

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



562860



79667D



283260



3D3240



BFBFBF



404040

Same Dimension

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



562860



6D257D



60284E



302C30



5C0070



C500F0

Inverse Universe

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



602832



7D2535



28603A



302C2C



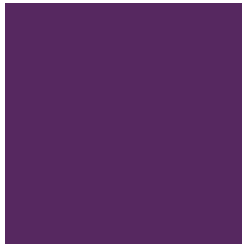
700014



F0002B

Previews

White Background



This preview shows how the Hex color 562860 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

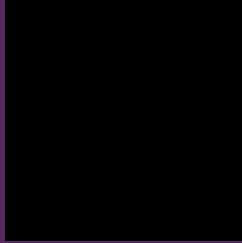
Any Text WCAG AA × Fail

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 562860 Background



This preview shows how black text looks on a background with the Hex color 562860.

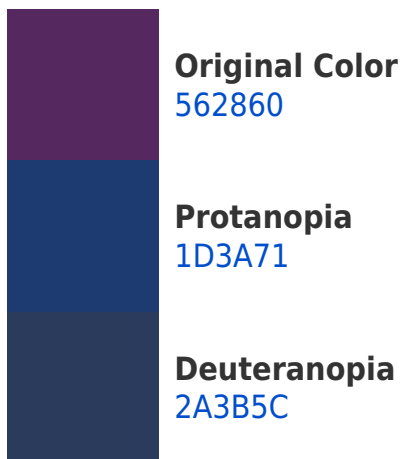



This preview shows how white text looks on a background with the Hex color 562860.

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
503337

Trichromacy



Original Color
562860

Protanomaly
32336B

Deuteranomaly
3A345D

Tritanomaly
522F46

Monochromacy



Original Color
562860

Achromatopsia
3C3C3C

Achromatomaly
453549

CSS Examples

Text

The CSS property to change the color of the text to Hex 562860 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 #562860 looks like.

```
.text, #text, p{  
    color:#562860  
}
```

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 #562860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562860
}
```

Border

The CSS property to change the border of an element to Hex 562860 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".

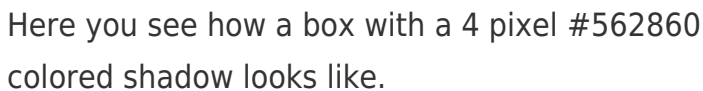
```
.border, #border, table{ border:4px solid
#562860 }
```

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

```
.border{ border-color:#562860 }
```

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

Here you see how a box with a 4 pixel #562860 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562860; -webkit-box-shadow:4px 4px  
4px 4px #562860; box-shadow:4px 4px 4px  
4px #562860 }
```

Background

The CSS property to change the background color of an element to Hex 562860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562860 }
```

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

```
.background{ background-color:#562860 }
```

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