

Converting Colors

Hex(562A44)

Have a look what the booklet for
Hex(562A44) contains.

| | |
|--|----|
| Hex(562A44) | 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(562A44)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 562A44 |
| RGB | 86, 42, 68 |
| RGB Percent | 34%, 16%, 27% |
| CMY | 0.6627, 0.8353, 0.7333 |
| CMYK | 0.00, 0.51, 0.21, 0.66 |
| HSL | 325°, 34%, 25% |
| HSV | 325°, 51%, 34% |
| XYZ | 5.7091, 4.0517, 5.9500 |
| YIQ | 58.1200, 17.8780, 17.4140 |

Conversions

Conversions Part 2

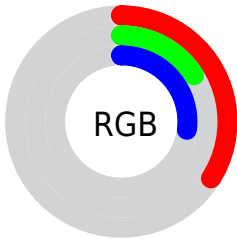
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 86, 42, 68 |
| Decimal | 5646916 |
| CIELab | 23.84, 24.08, -7.20 |
| CIElCh | 24, 25.138, 343.349 |
| Yxy | 4.0517, 0.3634, 0.2579 |
| Android (android.graphics.Color) | 4283836996 (0xFF562A44) |
| YUV | 58.1200, 4.8708, 24.4508 |
| Hunter-Lab | 20.1289, 15.4020, -3.4356 |

Details

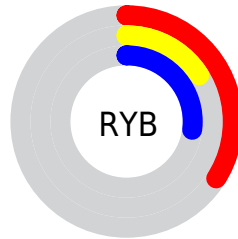
The Hex color **562A44** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A563C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **895974**, and **280019** is the 20% darker color. If you saturate the color by 10%, you get **562140**, and if you desaturate by 10%, it is **563348**.

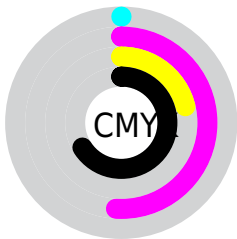
Distribution



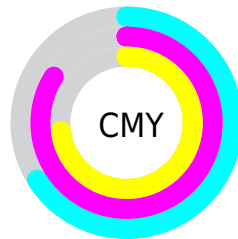
- Red (34%)
- Green (16%)
- Blue (27%)



- Red (34%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (21%)
- Black (66%)



- Cyan (66%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562A44 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 562A44 by changing the saturation by 10% instead.

 562A44

 562A44

FFFFFF

 3E142E

 895974

 280019

 A4728E

 000000

 BF8CA8

 DBA6C3

 F8C2DF

 FFDEFC

 FFFAFF

 562A44

 562A44

■ 562140

■ 563348

■ 56193D

■ 563B4B

■ 561039

■ 56444F

■ 560836

■ 564C52

■ 560033

■ 565556

■ 565E59

■ 56665D

■ 566F60

■ 567764

Harmonies

Analogous

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



453054



562A44



5C2931

Triad

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



562A44



3B3A12



004152

Complementary

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



562A44



2A563C

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.



004241



562A44



273F1C

Square

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



562A44



4C3414



04412D



003E5D

Rectangle

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



562A44



5A2B25



04412D



00424D

Sweetspot

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



562A44



705F69



3C2A56



382E34



B8B8B8



383838

Same Dimension

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



562A44



702C54



562A2E



2B272A



6B003F



EB008B

Inverse Universe

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



562A44



702C54



2A5652



2B272A



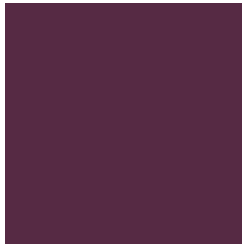
6B003F



EB008B

Previews

White Background



This preview shows how the Hex color 562A44 looks on a white background.

Color Contrast Check

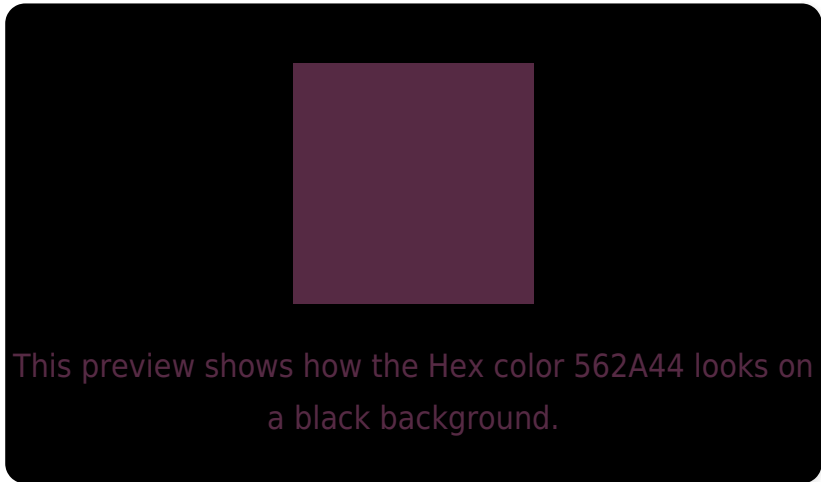
Large Text (above 18pt) WCAG AA ✓ Pass

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

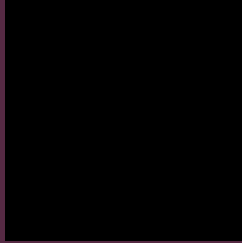
Any Text WCAG AA × Fail

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 562A44 Background



This preview shows how black text looks on a background with the Hex color 562A44.



This preview shows how white text looks on a background with the Hex color 562A44.

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
562A44

Protanopia
33394E

Deuteranopia
3B3842



Tritanopia
542E31

Trichromacy



Original Color
562A44

Protanomaly
40344A

Deuteranomaly
453343

Tritanomaly
552D38

Monochromacy



Original Color
562A44

Achromatopsia
3A3A3A

Achromatomaly
44343E

CSS Examples

Text

The CSS property to change the color of the text to Hex 562A44 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 #562A44 looks like.

```
.text, #text, p{  
    color:#562A44  
}
```

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 #562A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562A44  
}
```

Border

The CSS property to change the border of an element to Hex 562A44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

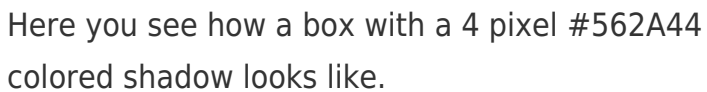
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#562A44 }
```

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

```
.border{ border-color:#562A44 }
```

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



Here you see how a box with a 4 pixel #562A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562A44; -webkit-box-shadow:4px 4px  
4px 4px #562A44; box-shadow:4px 4px 4px  
4px #562A44 }
```

Background

The CSS property to change the background color of an element to Hex 562A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562A44 }
```

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

```
.background{ background-color:#562A44 }
```

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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