

Converting Colors

Hex(562B53)

Have a look what the booklet for
Hex(562B53) contains.

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Color

Hex(562B53)

Conversions

Conversions Part 1

Format	Color
Hex	562B53
RGB	86, 43, 83
RGB Percent	34%, 17%, 33%
CMY	0.6627, 0.8314, 0.6745
CMYK	0.00, 0.50, 0.03, 0.66
HSL	304°, 33%, 25%
HSV	304°, 50%, 34%
XYZ	6.2630, 4.3307, 8.6894
YIQ	60.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

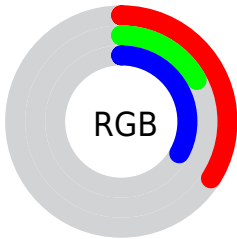
Format	Color
R_{YB}	86, 43, 83
Decimal	5647187
CIE _{Lab}	24.74, 26.37, -15.87
CIE _{LCh}	25, 30.776, 328.952
Yxy	4.3307, 0.3248, 0.2246
Android (android.graphics.Color)	4283837267 (0xFF562B53)
YUV	60.4170, 11.1334, 22.4363
Hunter-Lab	20.8104, 17.3021, -10.1894

Details

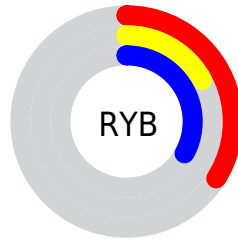
The Hex color **562B53** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B562E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **895A85**, and **280026** is the 20% darker color. If you saturate the color by 10%, you get **562252**, and if you desaturate by 10%, it is **563454**.

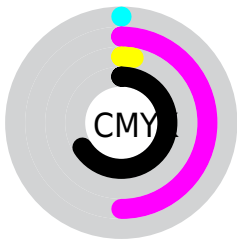
Distribution



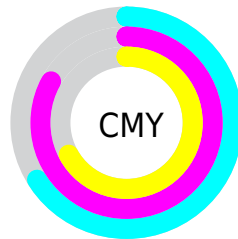
- Red (34%)
- Green (17%)
- Blue (33%)



- Red (34%)
- Yellow (17%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (66%)



- Cyan (66%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562B53 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 562B53 by changing the saturation by 10% instead.

 562B53

 562B53

FFFFFF

 3E143C

 895A85

 280026

 A4739F

 020010

 BF8DBA

 000000

 DBA8D6

 F8C3F2

 FFDFFF

 FFFCFF

 562B53

 562B53

■ 562252

■ 563454

■ 561A52

■ 563C54

■ 561151

■ 564555

■ 560951

■ 564D55

■ 560050

■ 565656

■ 565F57

■ 566757

■ 567058

■ 567858

Harmonies

Analogous

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



393563



562B53



63253D

Triad

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



562B53



483907



004651

Complementary

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



562B53



2B562E

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.



004639



562B53



31400F

Square

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



562B53



593013



0E4422



004362

Rectangle

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



562B53



65262D



0E4422



004649

Sweetspot

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



562B53



705F6F



2E2B56



382E37



B8B8B8



383838

Same Dimension

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



562B53



702D6C



562B3E



2B272B



6B0064



EB00DA

Inverse Universe

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



562B53



702D6C



2B5643



2B272B



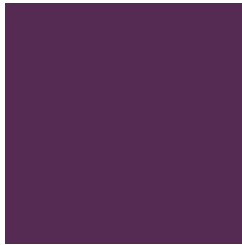
6B0064



EB00DA

Previews

White Background



This preview shows how the Hex color 562B53 looks on a white background.

Color Contrast Check

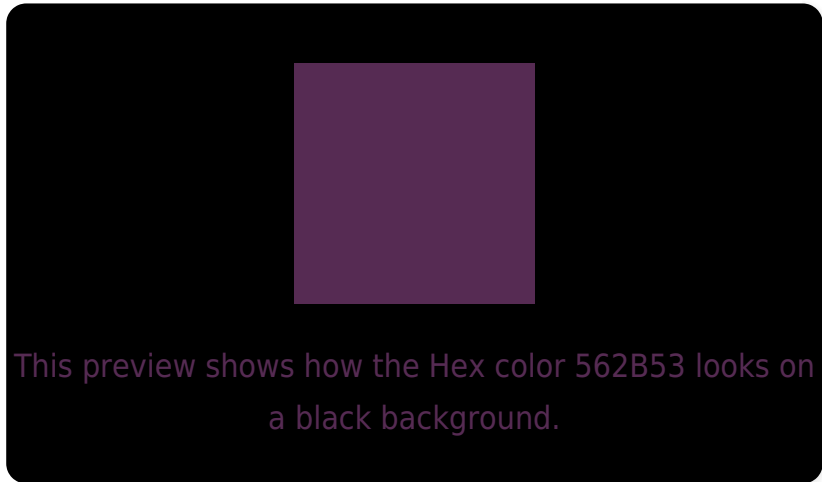
Large Text (above 18pt) WCAG AA ✓ Pass

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

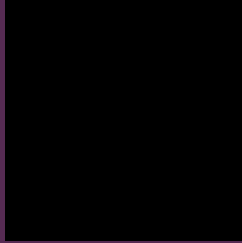
Any Text WCAG AA × Fail

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 562B53 Background



This preview shows how black text looks on a background with the Hex color 562B53.



This preview shows how white text looks on a background with the Hex color 562B53.

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
562B53

Protanopia
2D3A60

Deuteranopia
353B50



Tritanopia
533236

Trichromacy



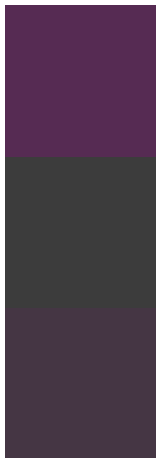
Original Color
562B53

Protanomaly
3C355B

Deuteranomaly
413551

Tritanomaly
542F41

Monochromacy



Original Color
562B53

Achromatopsia
3C3C3C

Achromatomaly
453644

CSS Examples

Text

The CSS property to change the color of the text to Hex 562B53 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 #562B53 looks like.

```
.text, #text, p{  
    color:#562B53  
}
```

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 #562B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562B53
}
```

Border

The CSS property to change the border of an element to Hex 562B53 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
#562B53 }
```

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

```
.border{ border-color:#562B53 }
```

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

Here you see how a box with a 4 pixel #562B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562B53; -webkit-box-shadow:4px 4px  
4px 4px #562B53; box-shadow:4px 4px 4px  
4px #562B53 }
```

Background

The CSS property to change the background color of an element to Hex 562B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562B53 }
```

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

```
.background{ background-color:#562B53 }
```

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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