

Converting Colors

Hex(57255B)

Have a look what the booklet for
Hex(57255B) contains.

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Color

Hex(57255B)

Conversions

Conversions Part 1

Format	Color
Hex	57255B
RGB	87, 37, 91
RGB Percent	34%, 15%, 36%
CMY	0.6588, 0.8549, 0.6431
CMYK	0.04, 0.59, 0.00, 0.64
HSL	296°, 42%, 25%
HSV	296°, 59%, 36%
XYZ	6.4804, 4.1047, 10.3483
YIQ	58.1060, 12.4660, 27.3940

Conversions

Conversions Part 2

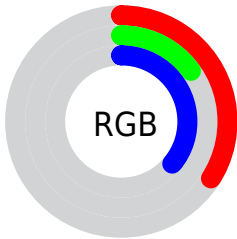
Format	Color
R_{YB}	87, 37, 91
Decimal	5711195
CIE Lab	24.01, 31.79, -22.28
CIE LCh	24, 38.818, 324.972
Yxy	4.1047, 0.3096, 0.1961
Android (android.graphics.Color)	4283901275 (0xFF57255B)
YUV	58.1060, 16.2167, 25.3400
Hunter-Lab	20.2601, 21.6398, -16.1016

Details

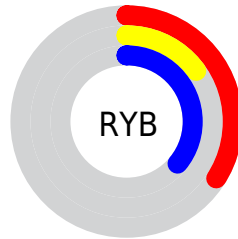
The Hex color **57255B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **295B25**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8A558D**, and **28002D** is the 20% darker color. If you saturate the color by 10%, you get **561C5B**, and if you desaturate by 10%, it is **582E5B**.

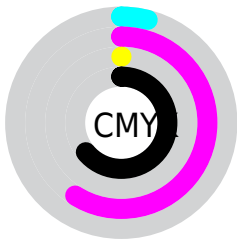
Distribution



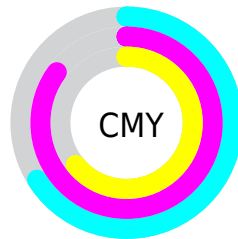
- Red (34%)
- Green (15%)
- Blue (36%)



- Red (34%)
- Yellow (15%)
- Blue (36%)



- Cyan (4%)
- Magenta (59%)
- Yellow (0%)
- Black (64%)



- Cyan (66%)
- Magenta (85%)
- Yellow (64%)
- Black (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57255B 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 57255B by changing the saturation by 10% instead.

 57255B

 57255B

FFFFFF

 3F0D43

 8A558D

 28002D

 A56EA8

 020018

 C188C3

 000000

 DDA2DF

 FABEFC

 FFDAFF

 FFF6FF

 57255B

 57255B

■ 561C5B

■ 582E5B

■ 56135B

■ 58375B

■ 550A5B

■ 59405B

■ 54015B

■ 5A495B

■ 54005B

■ 5A535B

■ 5B5C5B

■ 5C655B

■ 5C6E5B

■ 5D775B

Harmonies

Analogous

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



2D346E



57255B



6A193F

Triad

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



57255B



4B3600



004651

Complementary

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



57255B



295B25

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.



004633



57255B



2F3F00

Square

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



57255B



5F2A06



004415



004469

Rectangle

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



57255B



6C192C



004415



004647

Sweetspot

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



57255B



746075



25295B



3A2E3B



BABABA



3B3B3B

Same Dimension

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



57255B



6F2275



5B2544



2E292E



66006E



DC00ED

Inverse Universe

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



5B2529



752228



255B3C



2E292A



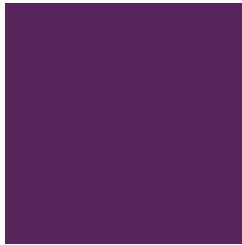
6E0008



ED0012

Previews

White Background



This preview shows how the Hex color 57255B 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

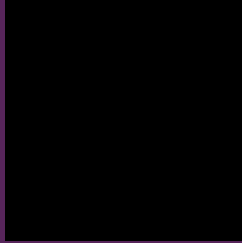
Any Text WCAG AA × Fail

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 57255B Background



This preview shows how black text looks on a background with the Hex color 57255B.

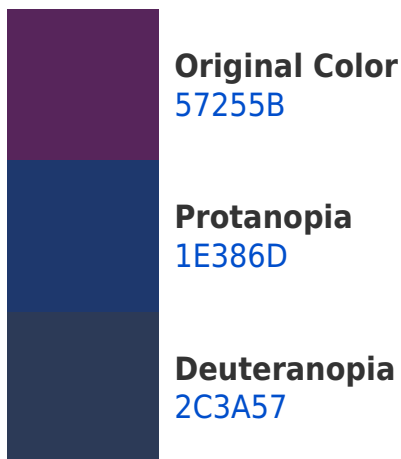


This preview shows how white text looks on a background with the Hex color 57255B.

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
523034

Trichromacy



Original Color
57255B

Protanomaly
333166

Deuteranomaly
3C3258

Tritanomaly
542C42

Monochromacy



Original Color
57255B

Achromatopsia
3A3A3A

Achromatomaly
453246

CSS Examples

Text

The CSS property to change the color of the text to Hex 57255B 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 #57255B looks like.

```
.text, #text, p{  
    color:#57255B  
}
```

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 #57255B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57255B
}
```

Border

The CSS property to change the border of an element to Hex 57255B 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".

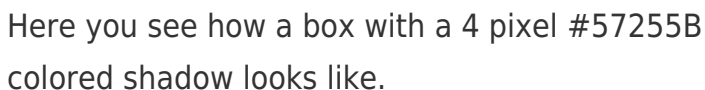
```
.border, #border, table{ border:4px solid
#57255B }
```

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

```
.border{ border-color:#57255B }
```

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

Here you see how a box with a 4 pixel #57255B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57255B; -webkit-box-shadow:4px 4px  
4px 4px #57255B; box-shadow:4px 4px 4px  
4px #57255B }
```

Background

The CSS property to change the background color of an element to Hex 57255B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57255B }
```

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

```
.background{ background-color:#57255B }
```

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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