

Converting Colors

Hex(562575)

Have a look what the booklet for
Hex(562575) contains.

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Color

Hex(562575)

Conversions

Conversions Part 1

Format	Color
Hex	562575
RGB	86, 37, 117
RGB Percent	34%, 15%, 46%
CMY	0.6627, 0.8549, 0.5412
CMYK	0.26, 0.68, 0.00, 0.54
HSL	277°, 52%, 30%
HSV	277°, 68%, 46%
XYZ	7.7102, 4.5859, 17.3084
YIQ	60.7710, 3.5240, 35.2680

Conversions

Conversions Part 2

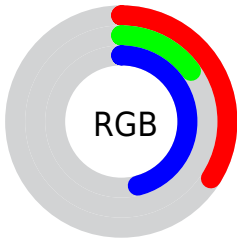
Format	Color
R_{YB}	86, 37, 117
Decimal	5645685
CIE _{Lab}	25.52, 37.47, -36.75
CIE _{LCh}	26, 52.490, 315.556
Yxy	4.5859, 0.2604, 0.1549
Android (android.graphics.Color)	4283835765 (0xFF562575)
YUV	60.7710, 27.7209, 22.1258
Hunter-Lab	21.4148, 26.7916, -32.9306




Details

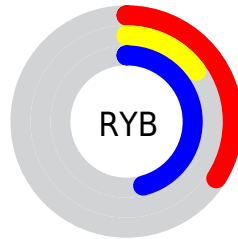
The Hex color **562575** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **447525**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **8A56AA**, and **240044** is the 20% darker color. If you saturate the color by 10%, you get **511975**, and if you desaturate by 10%, it is **5B3175**.

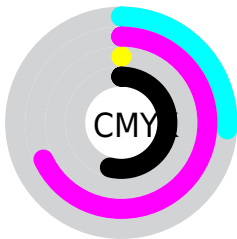
Distribution







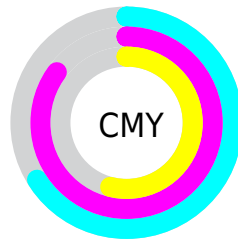
-  Red (34%)
-  Green (15%)
-  Blue (46%)






-  Red (34%)
-  Yellow (15%)
-  Blue (46%)



-  Cyan (26%)
-  Magenta (68%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (66%)
-  Magenta (85%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562575 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 562575 by changing the saturation by 10% instead.

■ 562575

■ 562575

FFFFFF

■ 3D0C5C

■ 8A56AA

■ 240044

■ A66FC5

■ 07002D

■ C289E1

■ 000117

■ DEA4FE

■ 000000

■ FBBFFF

■ FFDBFF

■ FFF8FF

■ 562575

■ 562575

■ 511975

■ 5B3175

■ 4D0E75

■ 5F3C75

■ 480275

■ 644875

■ 480075

■ 685475

■ 6D6075

■ 716B75

■ 767775

■ 7A8375

■ 7F8E75

Harmonies

Analogous

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



003B8A



562575



780051

Triad

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



562575



5B3400



004D51

Complementary

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



562575



447525

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.



004C27



562575



384100

Square

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



562575



741D00



004800



004C75

Rectangle

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



562575



800037



004800



004D43

Sweetspot

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



562575



8D7999



254575



45394D



CCCCCC



4D4D4D

Same Dimension

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



562575



681C99



75256D



38353B



4B007A



9900FA

Inverse Universe

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



752544



991C4C



25752D



3B3537



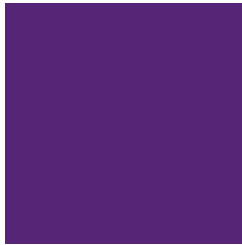
7A002F



FA0061

Previews

White Background



This preview shows how the Hex color 562575 looks on a white background.

Color Contrast Check

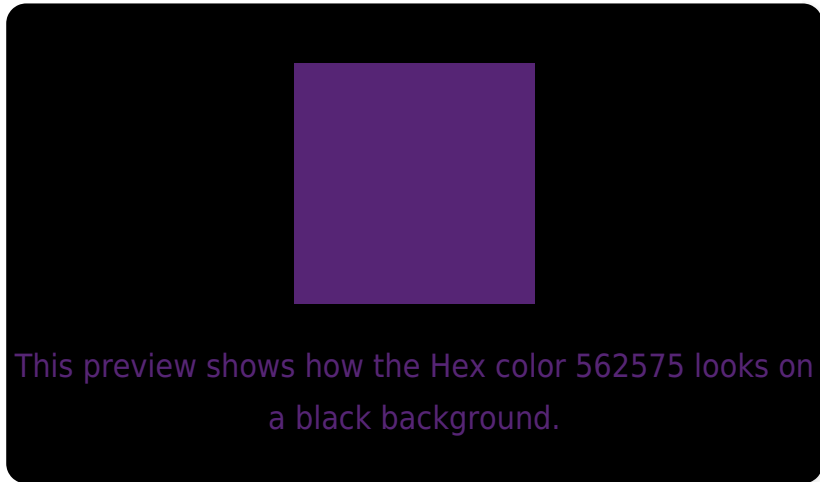
Large Text (above 18pt) WCAG AA ✓ Pass

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

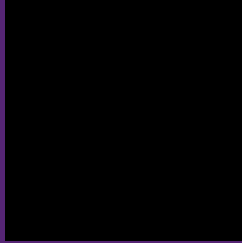
Any Text WCAG AA × Fail

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 562575 Background



This preview shows how black text looks on a background with the Hex color 562575.

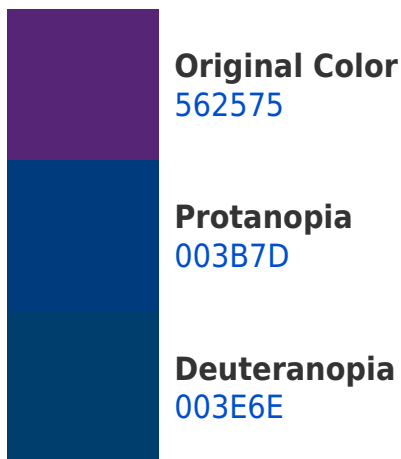


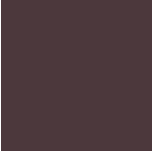
This preview shows how white text looks on a background with the Hex color 562575.

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
4C383C

Trichromacy



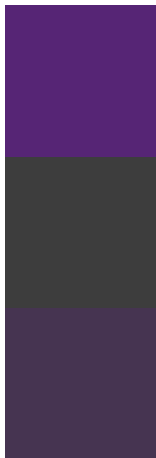
Original Color
562575

Protanomaly
1F337A

Deuteranomaly
1F3571

Tritanomaly
503151

Monochromacy



Original Color
562575

Achromatopsia
3D3D3D

Achromatomaly
463451

CSS Examples

Text

The CSS property to change the color of the text to Hex 562575 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 #562575 looks like.

```
.text, #text, p{  
    color:#562575  
}
```

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 #562575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562575
}
```

Border

The CSS property to change the border of an element to Hex 562575 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
#562575 }
```

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

```
.border{ border-color:#562575 }
```

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

Here you see how a box with a 4 pixel #562575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562575; -webkit-box-shadow:4px 4px  
4px 4px #562575; box-shadow:4px 4px 4px  
4px #562575 }
```

Background

The CSS property to change the background color of an element to Hex 562575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562575 }
```

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

```
.background{ background-color:#562575 }
```

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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