

# Converting Colors

Hex(562572)

Have a look what the booklet for  
Hex(562572) contains.

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# Color

**Hex(562572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	562572
RGB	86, 37, 114
RGB Percent	34%, 15%, 45%
CMY	0.6627, 0.8549, 0.5529
CMYK	0.25, 0.68, 0.00, 0.55
HSL	278°, 51%, 30%
HSV	278°, 68%, 45%
XYZ	7.5366, 4.5165, 16.3941
YIQ	60.4290, 4.4870, 34.3350

# Conversions

## Conversions Part 2

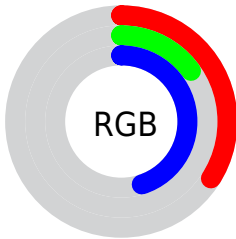
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 37, 114
Decimal	5645682
CIE <sub>Lab</sub>	25.31, 36.75, -35.17
CIE <sub>LCh</sub>	25, 50.868, 316.251
Yxy	4.5165, 0.2649, 0.1588
Android (android.graphics.Color)	4283835762 (0xFF562572)
YUV	60.4290, 26.4105, 22.4258
Hunter-Lab	21.2520, 26.1103, -30.8609

# Details

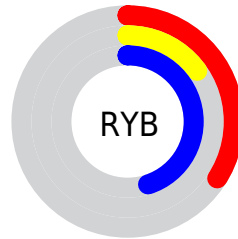
The Hex color **562572** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **417225**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8A55A6**, and **250041** is the 20% darker color. If you saturate the color by 10%, you get **521A72**, and if you desaturate by 10%, it is **5A3072**.

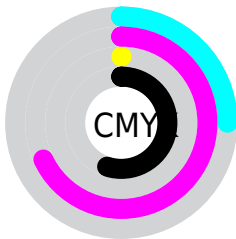
# Distribution



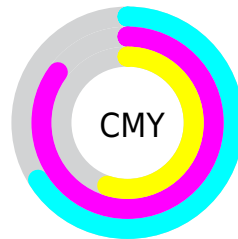
- Red (34%)
- Green (15%)
- Blue (45%)



- Red (34%)
- Yellow (15%)
- Blue (45%)



- Cyan (25%)
- Magenta (68%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (85%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 562572 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 562572 by changing the saturation by 10% instead.



■ 562572

■ 562572

FFFFFF

■ 3D0C59

■ 8A55A6

■ 250041

■ A56FC2

■ 07002B

■ C189DE

■ 000115

■ DEA3FB

■ 000000

■ FBBFFF

■ FFDBFF

■ FFF8FF

■ 562572

■ 562572

■ 521A72

■ 5A3072

■ 4E0E72

■ 5E3C72

■ 4A0372

■ 624772

■ 490072

■ 675372

■ 6B5E72

■ 6F6972

■ 737572

■ 778072

■ 7B8C72

# Harmonies

## Analogous

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



003A87



562572



76044F

# Triad

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



562572



593400



004C51

# Complementary

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



562572



417225

# 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.



004B28



562572



384100

# Square

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



562572



721F00



004800



004B74

# Rectangle

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



562572



7D0036



004800



004C43



# Sweetspot

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



562572



897694



254172



43384A



C9C9C9



4A4A4A



# Same Dimension

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



562572



681C94



722568



363238



4C0078



9D00F7



# Inverse Universe

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



722541



941C48



25722F



383235



78002C

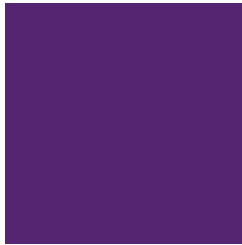


F7005A



# Previews

## White Background



This preview shows how the Hex color 562572 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

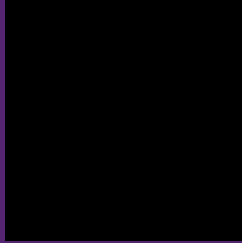
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 562572 Background



This preview shows how black text looks on a background with the Hex color 562572.

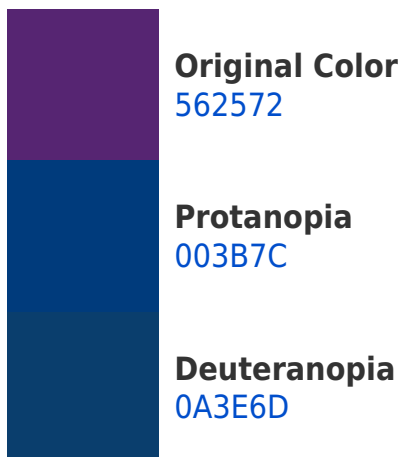


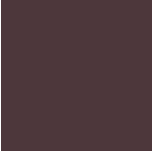
This preview shows how white text looks on a background with the Hex color 562572.

# 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](#).

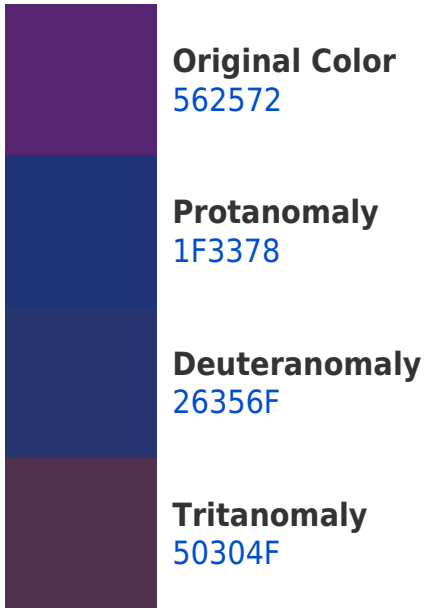
## Dichromacy



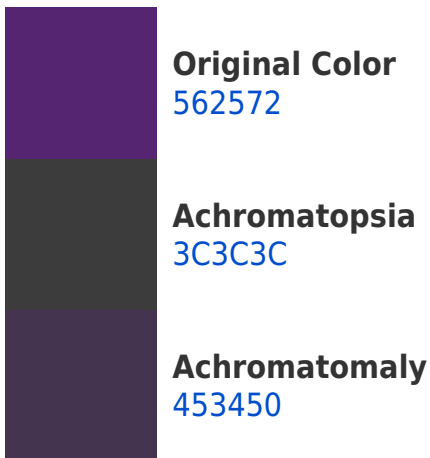


**Tritanopia**  
4D373B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 562572 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 #562572 looks like.

```
.text, #text, p{  
    color:#562572  
}
```

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 #562572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562572
}
```

## Border

The CSS property to change the border of an element to Hex 562572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

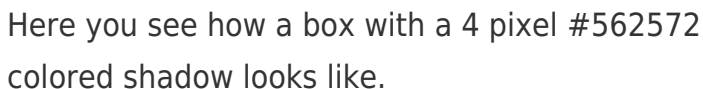
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#562572 }
```

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

```
.border{ border-color:#562572 }
```

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



Here you see how a box with a 4 pixel #562572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562572; -webkit-box-shadow:4px 4px  
4px 4px #562572; box-shadow:4px 4px 4px  
4px #562572 }
```

# Background

The CSS property to change the background color of an element to Hex 562572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562572 }
```

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

```
.background{ background-color:#562572 }
```

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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