

Converting Colors

Hex(552687)

Have a look what the booklet for
Hex(552687) contains.

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Color

Hex(552687)

Conversions

Conversions Part 1

Format	Color
Hex	552687
RGB	85, 38, 135
RGB Percent	33%, 15%, 53%
CMY	0.6667, 0.8510, 0.4706
CMYK	0.37, 0.72, 0.00, 0.47
HSL	269°, 56%, 34%
HSV	269°, 72%, 53%
XYZ	8.8126, 5.0668, 23.4352
YIQ	63.1110, -3.1250, 40.1310

Conversions

Conversions Part 2

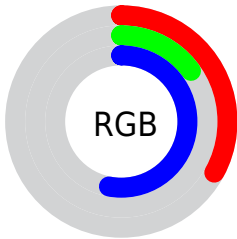
Format	Color
R_{YB}	85, 38, 135
Decimal	5580423
CIE _{Lab}	26.92, 41.29, -45.85
CIE _{LCh}	27, 61.699, 312.001
Yxy	5.0668, 0.2362, 0.1358
Android (android.graphics.Color)	4283770503 (0xFF552687)
YUV	63.1110, 35.4413, 19.1967
Hunter-Lab	22.5095, 30.4920, -45.9715

Details

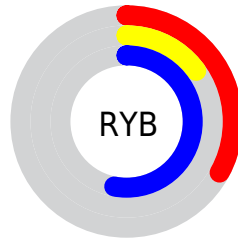
The Hex color **552687** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **588726**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8B57BD**, and **1F0054** is the 20% darker color. If you saturate the color by 10%, you get **4E1987**, and if you desaturate by 10%, it is **5C3487**.

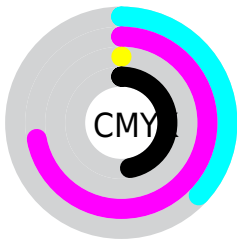
Distribution



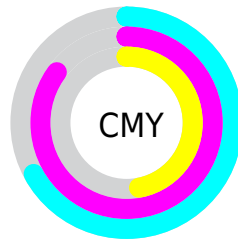
- Red (33%)
- Green (15%)
- Blue (53%)



- Red (33%)
- Yellow (15%)
- Blue (53%)



- Cyan (37%)
- Magenta (72%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (85%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552687 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 552687 by changing the saturation by 10% instead.

■ 552687

■ 552687

FFFFFF

■ 3B0C6D

■ 8B57BD

■ 1F0054

■ A670D9

■ 02003C

■ C38BF6

■ 000226

■ DFA5FF

■ 00010E

■ FDC1FF

■ 000000

■ FFDDFF

■ FFFAFF

■ 552687

■ 552687

■ 4E1987

■ 5C3487

■ 470B87

■ 634187

■ 410087

■ 6A4F87

■ 715C87

■ 786A87

■ 7F7787

■ 868587

■ 8D9287

■ 94A087

Harmonies

Analogous

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



00409E



552687



82005E

Triad

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



552687



663200



005252

Complementary

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



552687



588726

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.



005020



552687



3E4400

Square

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



552687



820E00



004C00



00527F

Rectangle

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



552687



8D003F



004C00



005242

Sweetspot

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



552687



9C89B0



265887



4D4259



D9D9D9



595959

Same Dimension

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



552687



6219B0



852687



3F3C42



3F0082



010003

Inverse Universe

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



872658



B01967



288726



423C3F



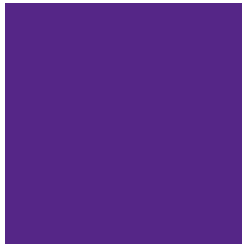
820043



030001

Previews

White Background



This preview shows how the Hex color 552687 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

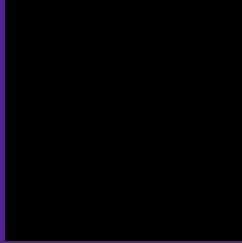
Any Text WCAG AA × Fail

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 552687 Background



This preview shows how black text looks on a background with the Hex color 552687.

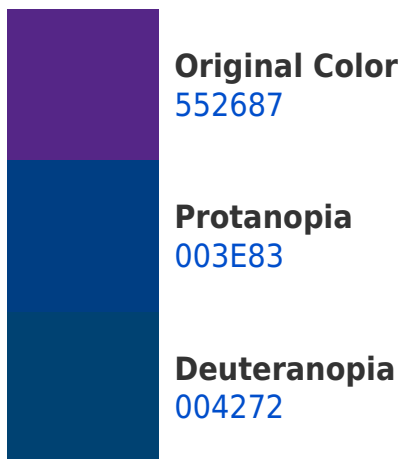


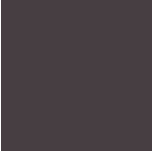
This preview shows how white text looks on a background with the Hex color 552687.

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](#).

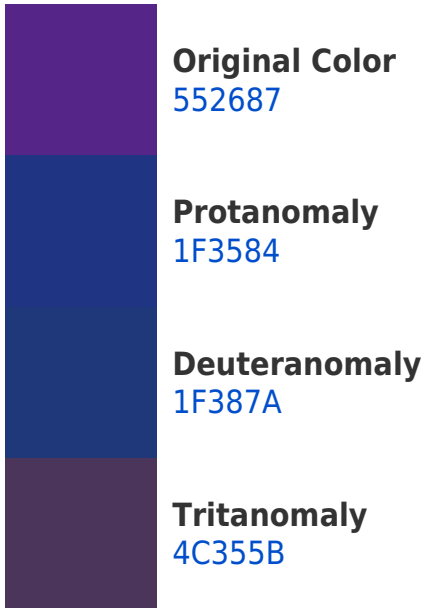
Dichromacy



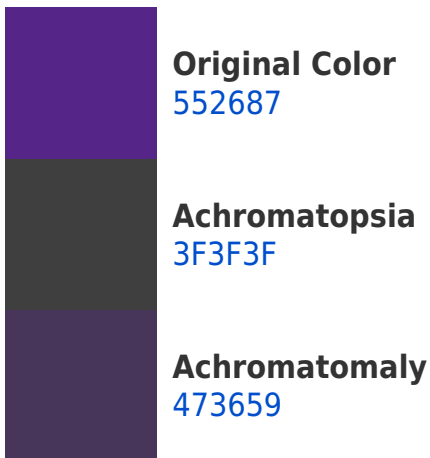


Tritanopia
473E42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 552687 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 #552687 looks like.

```
.text, #text, p{  
    color:#552687  
}
```

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 #552687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552687
}
```

Border

The CSS property to change the border of an element to Hex 552687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

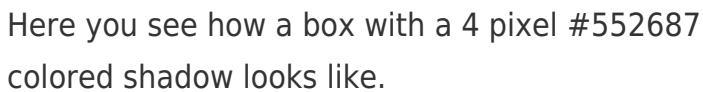
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#552687 }
```

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

```
.border{ border-color:#552687 }
```

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



Here you see how a box with a 4 pixel #552687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552687; -webkit-box-shadow:4px 4px  
4px 4px #552687; box-shadow:4px 4px 4px  
4px #552687 }
```

Background

The CSS property to change the background color of an element to Hex 552687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552687 }
```

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

```
.background{ background-color:#552687 }
```

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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