

Converting Colors

Hex(552987)

Have a look what the booklet for
Hex(552987) contains.

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Color

Hex(552987)

Conversions

Conversions Part 1

Format	Color
Hex	552987
RGB	85, 41, 135
RGB Percent	33%, 16%, 53%
CMY	0.6667, 0.8392, 0.4706
CMYK	0.37, 0.70, 0.00, 0.47
HSL	268°, 53%, 35%
HSV	268°, 70%, 53%
XYZ	8.9124, 5.2664, 23.4685
YIQ	64.8720, -3.9500, 38.5620

Conversions

Conversions Part 2

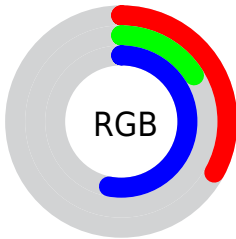
Format	Color
R_{YB}	85, 41, 135
Decimal	5581191
CIE _{Lab}	27.48, 39.74, -44.95
CIE _{LCh}	27, 59.995, 311.480
Yxy	5.2664, 0.2367, 0.1399
Android (android.graphics.Color)	4283771271 (0xFF552987)
YUV	64.8720, 34.5731, 17.6523
Hunter-Lab	22.9487, 29.1624, -44.5687

Details

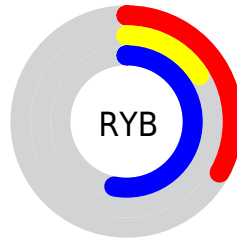
The Hex color **552987** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B8729**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **8B5ABD**, and **1F0054** is the 20% darker color. If you saturate the color by 10%, you get **4E1C87**, and if you desaturate by 10%, it is **5C3787**.

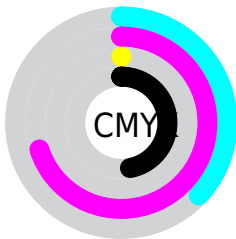
Distribution



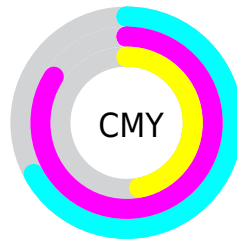
- Red (33%)
- Green (16%)
- Blue (53%)



- Red (33%)
- Yellow (16%)
- Blue (53%)



- Cyan (37%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552987 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 552987 by changing the saturation by 10% instead.

■ 552987

■ 552987

FFFFFF

■ 3B106D

■ 8B5ABD

■ 1F0054

■ A673D9

■ 04003D

■ C28DF6

■ 000226

■ DFA8FF

■ 00010E

■ FCC4FF

■ 000000

■ FFE0FF

■ FFFDFF

■ 552987

■ 552987

■ 4E1C87

■ 5C3787

■ 470E87

■ 634487

■ 3F0087

■ 6B5287

■ 725F87

■ 796D87

■ 807A87

■ 878887

■ 8E9587

■ 96A387

Harmonies

Analogous

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



00429D



552987



82005F

Triad

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



552987



673400



005352

Complementary

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



552987



5B8729

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.



005221



552987



414500

Square

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



552987



831301



004D00



00537E

Rectangle

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



552987



8D0041



004D00



005342

Sweetspot

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



552987



9C8BB0



295B87



4D4359



D9D9D9



595959

Same Dimension

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



552987



611CB0



842987



3F3C42



3D0082



010003

Inverse Universe

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



87295B



B01C6B



2C8729



423C3F



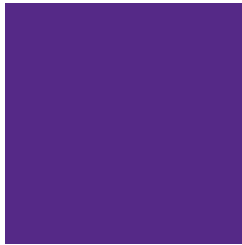
820045



030001

Previews

White Background



This preview shows how the Hex color 552987 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

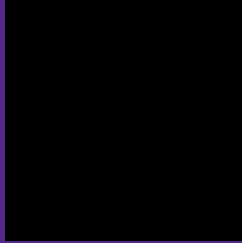
Any Text WCAG AA × Fail

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 552987 Background



This preview shows how black text looks on a background with the Hex color 552987.



This preview shows how white text looks on a background with the Hex color 552987.

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
552987

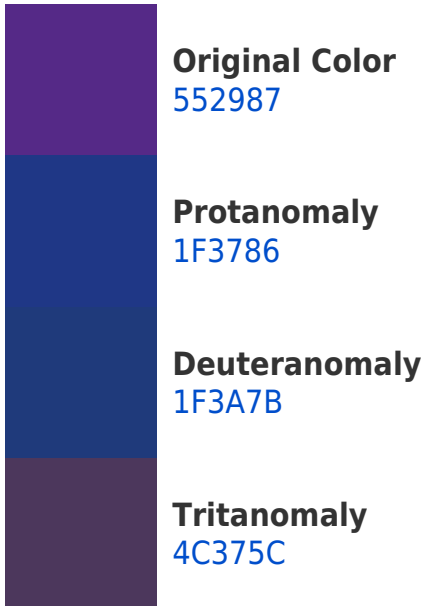
Protanopia
003F86

Deuteranopia
004374

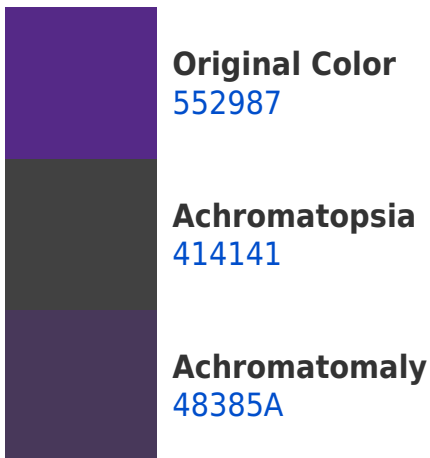


Tritanopia
473F44

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 552987 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 #552987 looks like.

```
.text, #text, p{  
    color:#552987  
}
```

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 #552987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552987
}
```

Border

The CSS property to change the border of an element to Hex 552987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

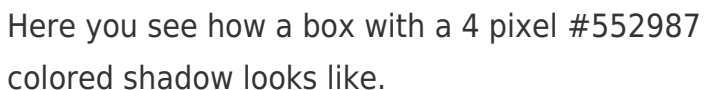
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#552987 }
```

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

```
.border{ border-color:#552987 }
```

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



Here you see how a box with a 4 pixel #552987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552987; -webkit-box-shadow:4px 4px  
4px 4px #552987; box-shadow:4px 4px 4px  
4px #552987 }
```

Background

The CSS property to change the background color of an element to Hex 552987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552987 }
```

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

```
.background{ background-color:#552987 }
```

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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