

Converting Colors

Hex(682387)

Have a look what the booklet for
Hex(682387) contains.

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Color

Hex(682387)

Conversions

Conversions Part 1

Format	Color
Hex	682387
RGB	104, 35, 135
RGB Percent	41%, 14%, 53%
CMY	0.5922, 0.8627, 0.4706
CMYK	0.23, 0.74, 0.00, 0.47
HSL	281°, 59%, 33%
HSV	281°, 74%, 53%
XYZ	10.6831, 5.8944, 23.4963
YIQ	67.0310, 9.0240, 45.7280

Conversions

Conversions Part 2

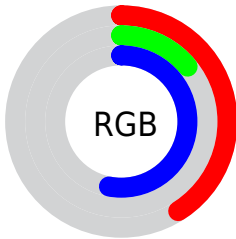
Format	Color
R_{YB}	104, 35, 135
Decimal	6824839
CIE _{Lab}	29.14, 46.71, -42.13
CIE _{LCh}	29, 62.902, 317.954
Yxy	5.8944, 0.2666, 0.1471
Android (android.graphics.Color)	4285014919 (0xFF682387)
YUV	67.0310, 33.5087, 32.4218
Hunter-Lab	24.2784, 36.0576, -40.3854

Details

The Hex color **682387** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **428723**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9E57BD**, and **340054** is the 20% darker color. If you saturate the color by 10%, you get **641587**, and if you desaturate by 10%, it is **6C3187**.

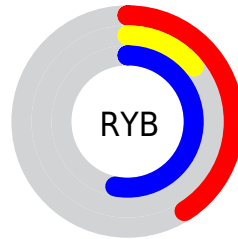
Distribution



Red (41%)

Green (14%)

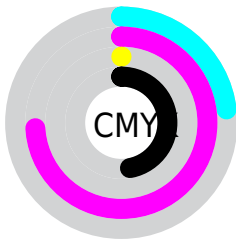
Blue (53%)



Red (41%)

Yellow (14%)

Blue (53%)

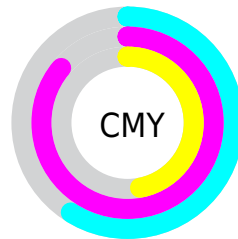


Cyan (23%)

Magenta (74%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (86%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682387 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 682387 by changing the saturation by 10% instead.

682387

682387

FFFFFF

4E036D

9E57BD

340054

BA70D9

1E003D

D78BF6

000226

F4A6FF

00010E

FFC2FF

000000

FFDEFF

FFFBFF

682387

682387

■ 641587

■ 6C3187

■ 600887

■ 703E87

■ 5D0087

■ 754C87

■ 795987

■ 7D6787

■ 817487

■ 858287

■ 898F87

■ 8E9C87

Harmonies

Analogous

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



0041A3



682387



8E005A

Triad

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



682387



653C00



005862

Complementary

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



682387



428723

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.



00572F



682387



3A4B00

Square

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



682387



851E00



005300



00578D

Rectangle

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



682387



96003A



005300



005851

Sweetspot

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



682387



A489B0



234387



524259



D9D9D9



595959

Same Dimension

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



682387



7F13B0



872375



403C42



5A0082



020003

Inverse Universe

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



872342



B01344



238735



423C3E



820028



030001

Previews

White Background



This preview shows how the Hex color 682387 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

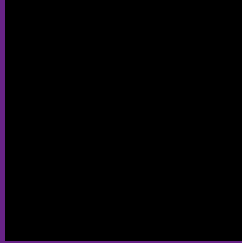
Any Text WCAG AA × Fail

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 682387 Background



This preview shows how black text looks on a background with the Hex color 682387.

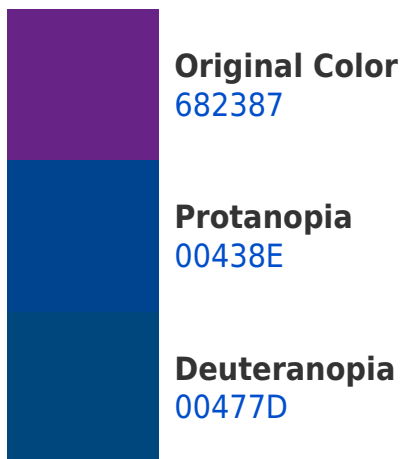


This preview shows how white text looks on a background with the Hex color 682387.

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](#).

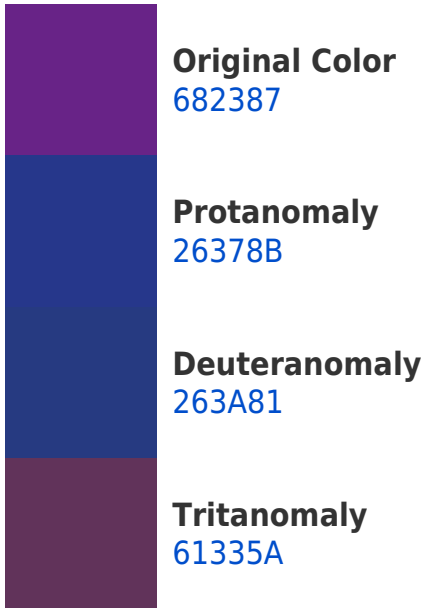
Dichromacy



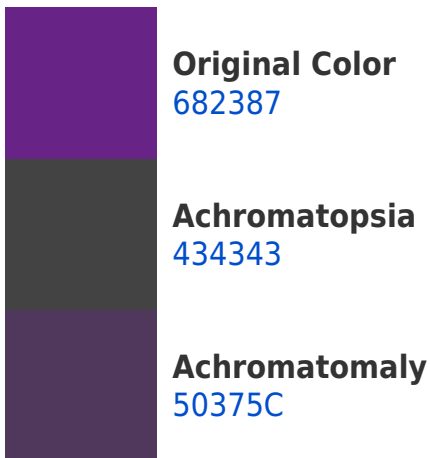


Tritanopia
5D3C41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 682387 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 #682387 looks like.

```
.text, #text, p{  
    color:#682387  
}
```

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 #682387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682387
}
```

Border

The CSS property to change the border of an element to Hex 682387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

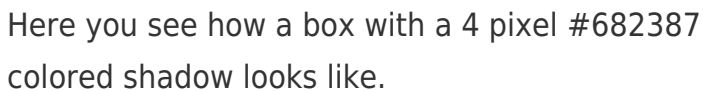
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682387 }
```

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

```
.border{ border-color:#682387 }
```

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



Here you see how a box with a 4 pixel #682387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682387; -webkit-box-shadow:4px 4px  
4px 4px #682387; box-shadow:4px 4px 4px  
4px #682387 }
```

Background

The CSS property to change the background color of an element to Hex 682387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682387 }
```

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

```
.background{ background-color:#682387 }
```

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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